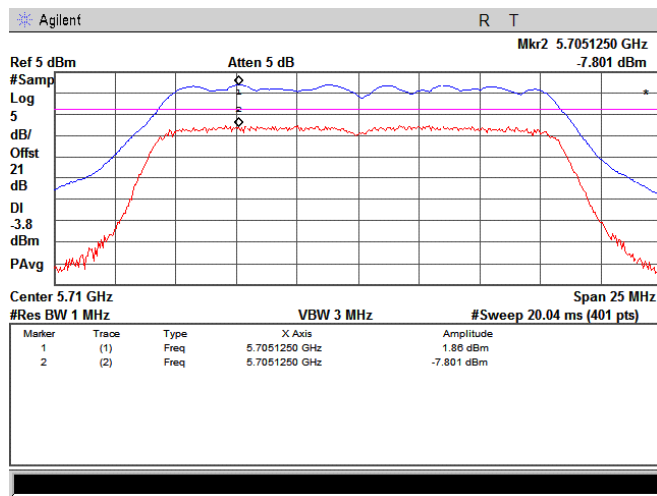


<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

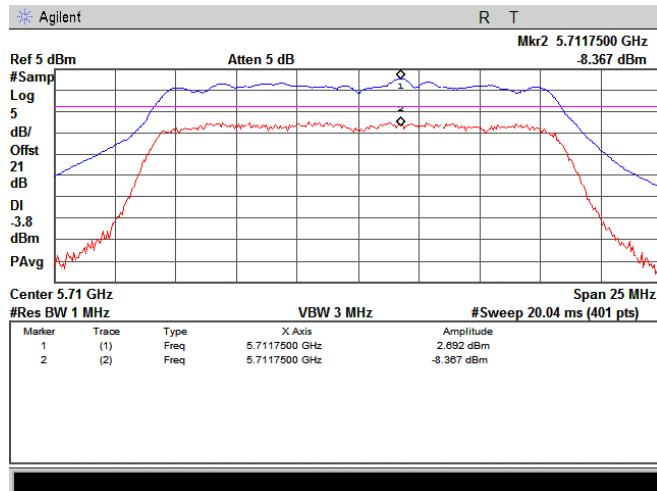
Plot 7.2.39 Peak excursion measurement

Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	16QAM; 24 MBps



Plot 7.2.40 Peak excursion measurement

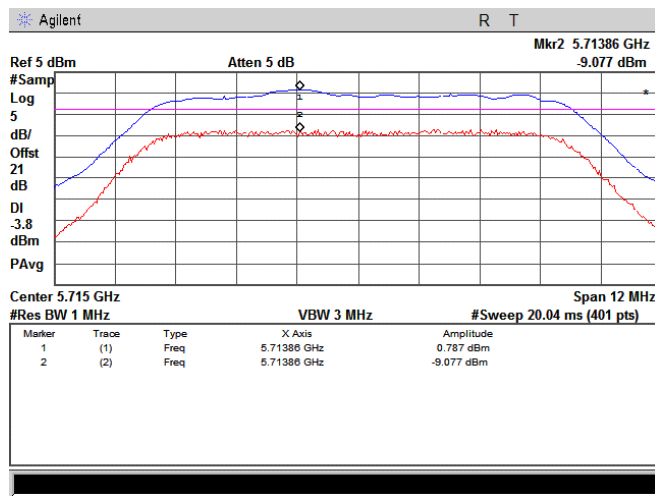
Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	64QAM; 54 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

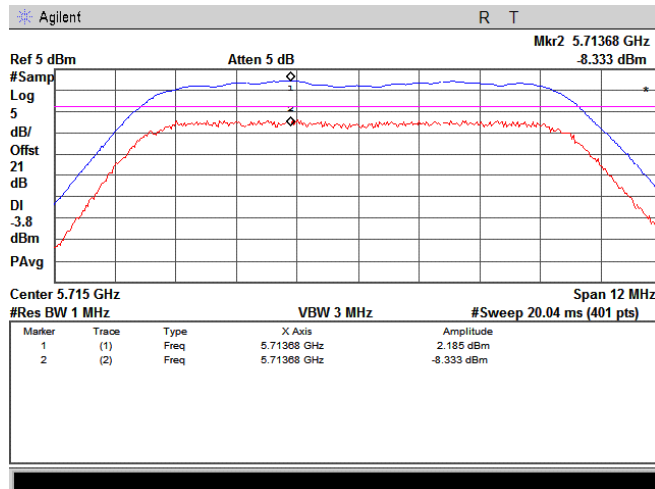
Plot 7.2.41 Peak excursion measurement

Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	BPSK; 3 MBps



Plot 7.2.42 Peak excursion measurement

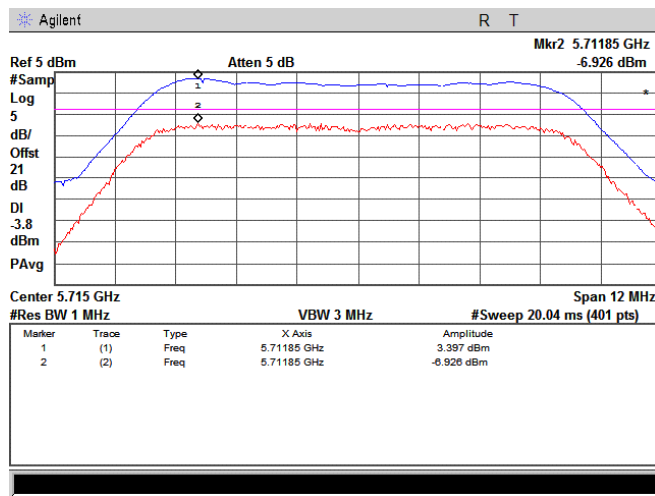
Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	QPSK; 9 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

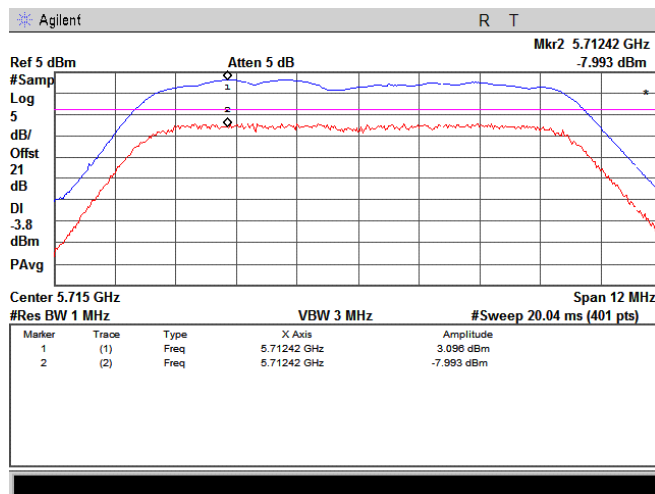
Plot 7.2.43 Peak excursion measurement

Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	16QAM; 12 MBps



Plot 7.2.44 Peak excursion measurement

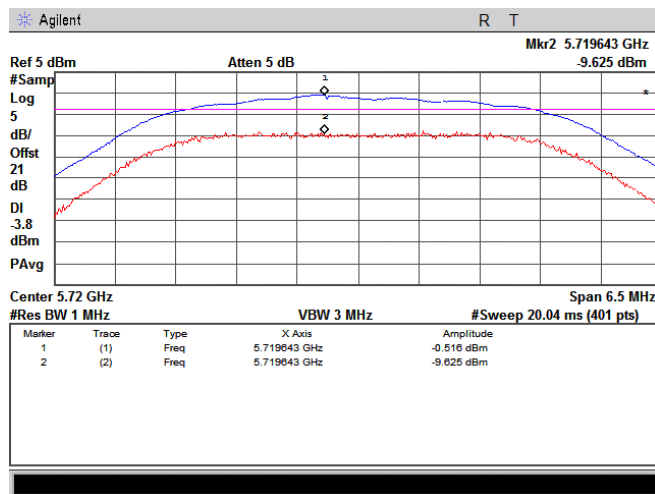
Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	64QAM; 27 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008	<b>Relative Humidity:</b>	52 %
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Power Supply:</b>	120 VAC
<b>Remarks:</b> EUT with internal antenna			

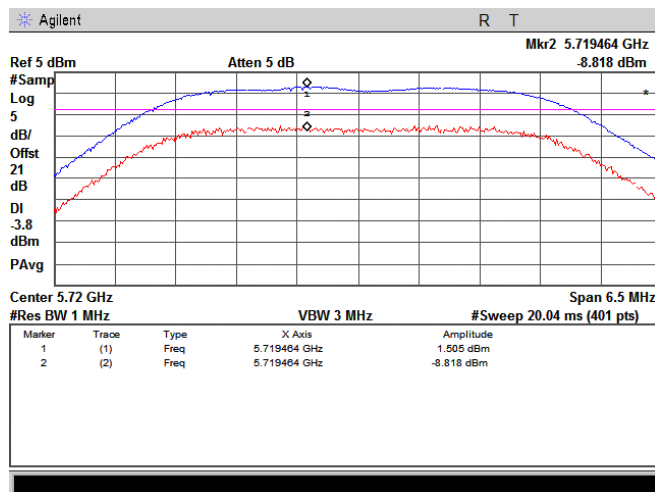
Plot 7.2.45 Peak excursion measurement

Frequency:	5720 MHz
Channel BW:	5 MHz
Modulation parameters:	BPSK; 1.5 MBps



Plot 7.2.46 Peak excursion measurement

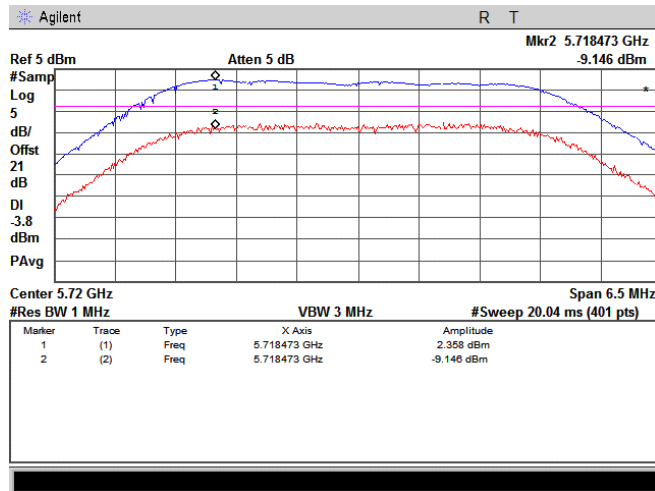
Frequency:	5720 MHz
Channel BW:	5 MHz
Modulation parameters:	QPSK; 4.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

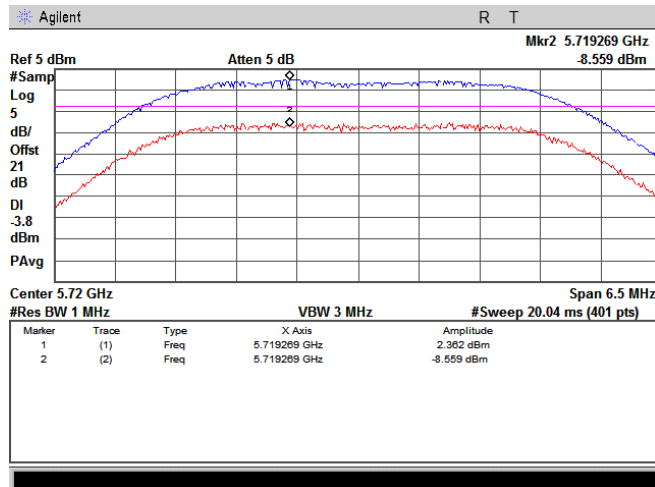
Plot 7.2.47 Peak excursion measurement

<b>Frequency:</b>	5720 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	16QAM; 6 MBps



Plot 7.2.48 Peak excursion measurement

<b>Frequency:</b>	5720 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	64QAM; 13.5 MBps





<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

Table 7.2.3 Peak excursion test results

ASSIGNED FREQUENCY RANGE: 5470-5725 MHz  
DETECTOR USED: 1-st trace : Peak, Max Hold  
2-nd trace : Sample, 100 Power Averaging  
TRANSMITTER OUTPUT POWER SETTINGS: "3 dBm" at 5 MHz channel bandwidth  
"6 dBm" at 10 MHz channel bandwidth  
"9 dBm" at 20 MHz channel bandwidth  
RESOLUTION BANDWIDTH: 1 MHz  
VIDEO BANDWIDTH: 3 MHz

Frequency, MHz	Bit Rate, MBps	1-st trace, dBm	2-nd trace, dBm	Peak excursion, dB	Limit, dB	Margin, dB	Verdict
<b>Low channel, CBW 20 MHz</b>							
5485	6	2.547	-8.397	10.944	13	-2.056	Pass
5485	18	3.761	-6.908	10.669	13	-2.331	Pass
5485	24	4.797	-7.017	11.814	13	-1.186	Pass
5485	54	4.849	-7.409	12.258	13	-0.742	Pass
<b>Low channel, CBW 10 MHz</b>							
5480	3	2.667	-7.960	10.627	13	-2.373	Pass
5480	9	2.334	-8.528	10.862	13	-2.138	Pass
5480	12	3.628	-7.729	11.357	13	-1.643	Pass
5480	27	3.719	-7.882	9.402	13	-3.598	Pass
<b>Low channel, CBW 5 MHz</b>							
5475	1.5	0.777	-8.625	10.945	13	-2.055	Pass
5475	4.5	3.038	-7.907	10.855	13	-2.145	Pass
5475	6	3.301	-7.554	10.855	13	-2.145	Pass
5475	13.5	4.112	-7.299	11.411	13	-1.589	Pass
<b>Mid channel, CBW 20 MHz</b>							
5585	6	3.114	-6.758	9.872	13	-3.128	Pass
5585	18	3.983	-6.224	10.207	13	-2.793	Pass
5585	24	5.179	-6.107	11.286	13	-1.714	Pass
5585	54	4.892	-6.197	11.089	13	-1.911	Pass
<b>Mid channel, CBW 10 MHz</b>							
5590	3	3.087	-7.980	11.067	13	-1.933	Pass
5590	9	4.048	-6.107	10.155	13	-2.845	Pass
5590	12	4.412	-6.873	11.285	13	-1.715	Pass
5590	27	4.753	-7.169	11.922	13	-1.078	Pass
<b>Mid channel, CBW 5 MHz</b>							
5595	1.5	1.545	-8.211	9.756	13	-3.244	Pass
5595	4.5	3.822	-7.557	11.379	13	-1.621	Pass
5595	6	4.243	-7.007	11.250	13	-1.750	Pass
5595	13.5	4.469	-7.120	11.589	13	-1.411	Pass

\*- Margin = Peak excursion – specification limit.



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

Table 7.2.3 Peak excursion test results (continued)

Frequency, MHz	Bit Rate, Mbps	1-st trace, dBm	2-nd trace, dBm	Peak excursion, dB	Limit, dB	Margin, dB	Verdict
<b>Mid2 channel, CBW 20 MHz (IC only)</b>							
5665	6	-3.69	-13.650	9.960	13	-3.040	Pass
5665	18	-2.99	-12.460	9.470	13	-3.530	Pass
5665	24	-1.813	-12.600	10.787	13	-2.213	Pass
5665	54	-1.737	-12.870	11.133	13	-1.867	Pass
<b>Mid2 channel, CBW 10 MHz (IC only)</b>							
5660	3	-4.182	-14.490	10.308	13	-2.692	Pass
5660	9	-3.973	-13.250	9.277	13	-3.723	Pass
5660	12	-3.255	-14.960	11.705	13	-1.295	Pass
5660	27	-2.563	-13.900	11.337	13	-1.663	Pass
<b>Mid2 channel, CBW 5 MHz (IC only)</b>							
5655	1.5	-5.390	-14.640	9.250	13	-3.750	Pass
5655	4.5	-3.506	-13.800	10.294	13	-2.706	Pass
5655	6	-2.261	-13.440	11.179	13	-1.821	Pass
5655	13.5	-2.769	-13.800	11.031	13	-1.969	Pass
<b>High channel, CBW 20 MHz</b>							
5710	6	-7.583	-17.720	10.137	13	-2.863	Pass
5710	18	-4.665	-13.960	9.295	13	-3.705	Pass
5710	24	-4.822	-15.160	10.338	13	-2.662	Pass
5710	54	-5.343	-15.980	10.637	13	-2.363	Pass
<b>High channel, CBW 10 MHz</b>							
5715	3	-6.234	-16.140	9.906	13	-3.094	Pass
5715	9	-5.822	-16.560	10.738	13	-2.262	Pass
5715	12	-3.767	-15.120	11.353	13	-1.647	Pass
5715	27	-4.713	-15.680	10.967	13	-2.033	Pass
<b>High channel, CBW 5 MHz</b>							
5720	1.5	-7.361	-16.200	8.839	13	-4.161	Pass
5720	4.5	-5.949	-16.200	10.251	13	-2.749	Pass
5720	6	-4.56	-16.030	11.47	13	-1.530	Pass
5720	13.5	-5.061	-15.73	10.669	13	-2.331	Pass

\*- Margin = Peak excursion – specification limit.

**Reference numbers of test equipment used**

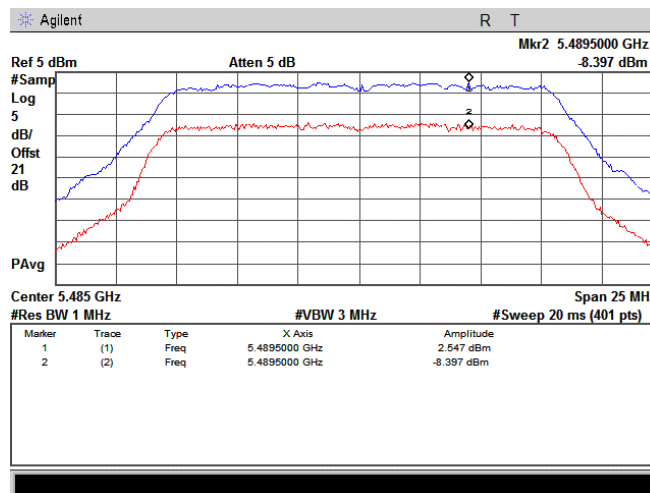
HL 2909	HL 3208	HL 3439					
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Full description is given in Appendix A.

<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

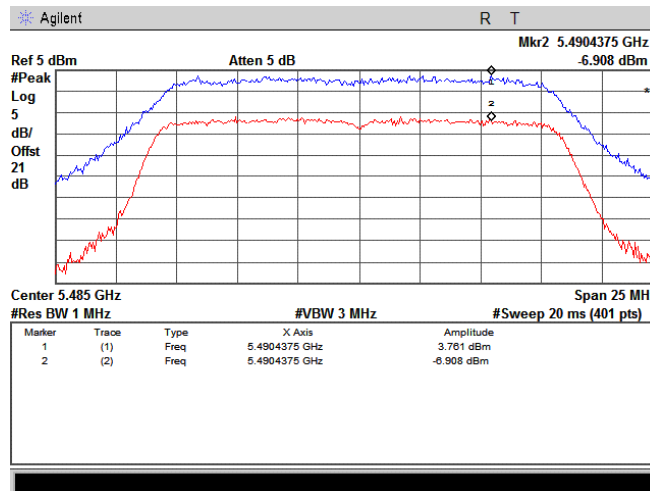
**Plot 7.2.49 Peak excursion measurements**

Frequency: 5485 MHz  
Channel BW: 20 MHz  
Modulation parameters: BPSK; 6 MBps



**Plot.7.2.50 Peak excursion measurement**

Frequency: 5485 MHz  
Channel BW: 20 MHz  
Modulation parameters: QPSK; 18 MBps

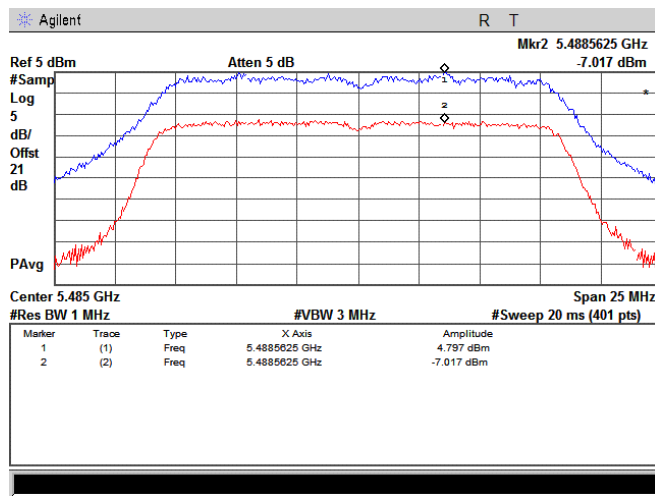




<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

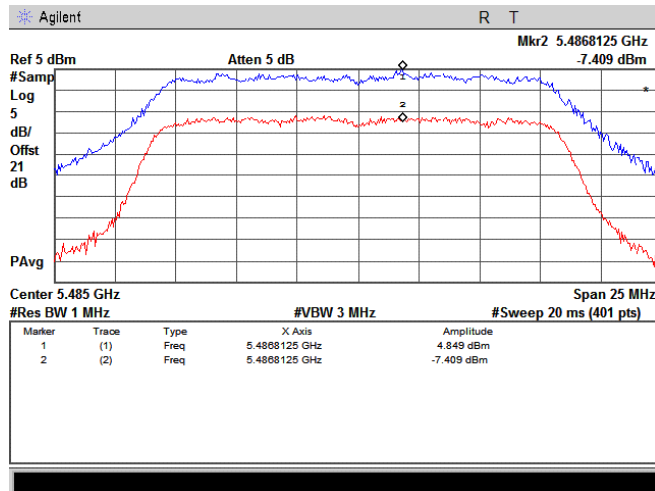
Plot.7.2.51 Peak excursion measurement

Frequency:	5485 MHz
Channel BW:	20 MHz
Modulation parameters:	16QAM; 24 MBps



Plot.7.2.52 Peak excursion measurement

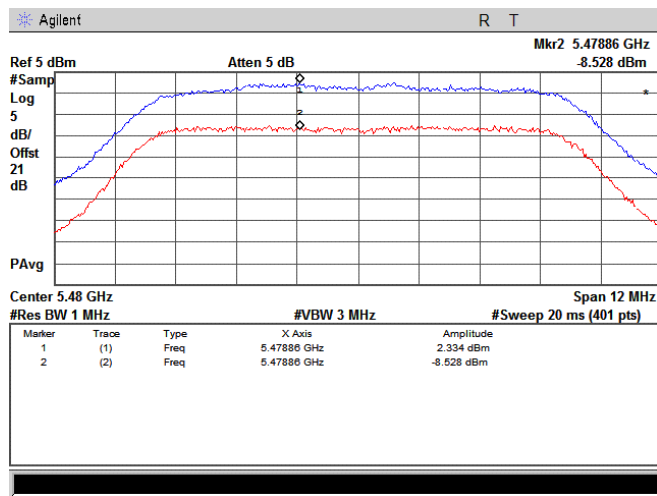
Frequency:	5485 MHz
Channel BW:	20 MHz
Modulation parameters:	64QAM; 54 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

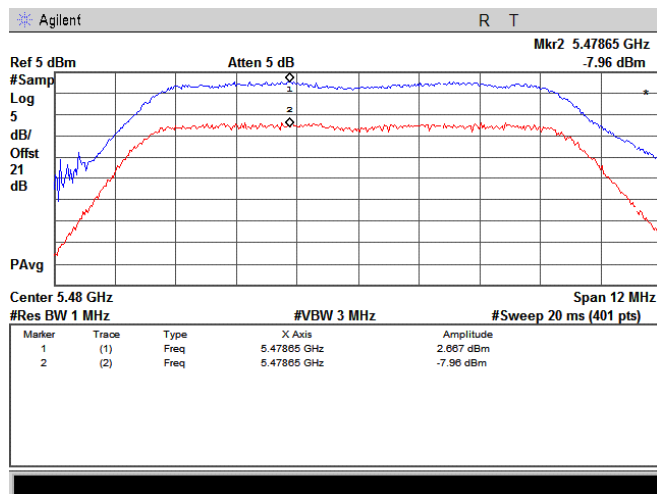
Plot 7.2.53 Peak excursion measurement

Frequency:	5480 MHz
Channel BW:	10 MHz
Modulation parameters:	BPSK; 3 MBps



Plot 7.2.54 Peak excursion measurement

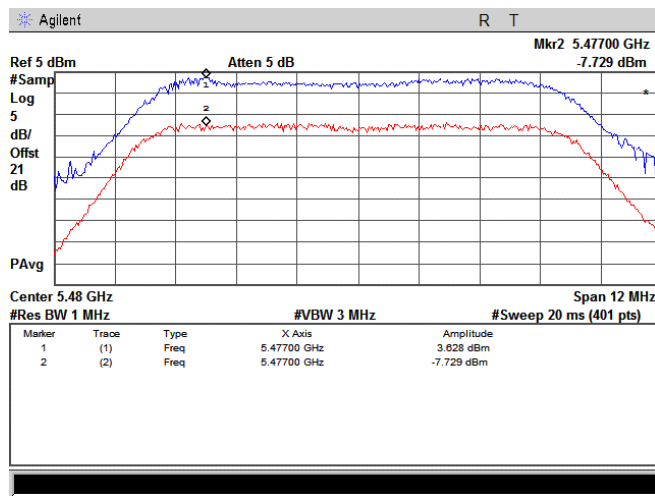
Frequency:	5480 MHz
Channel BW:	10 MHz
Modulation parameters:	QPSK; 9 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

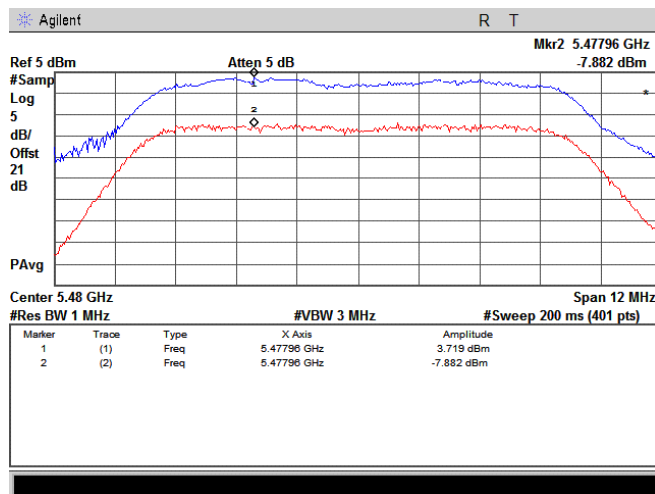
Plot 7.2.55 Peak excursion measurement

Frequency:	5480 MHz
Channel BW:	10 MHz
Modulation parameters:	16QAM; 12 MBps



Plot 7.2.56 Peak excursion measurement

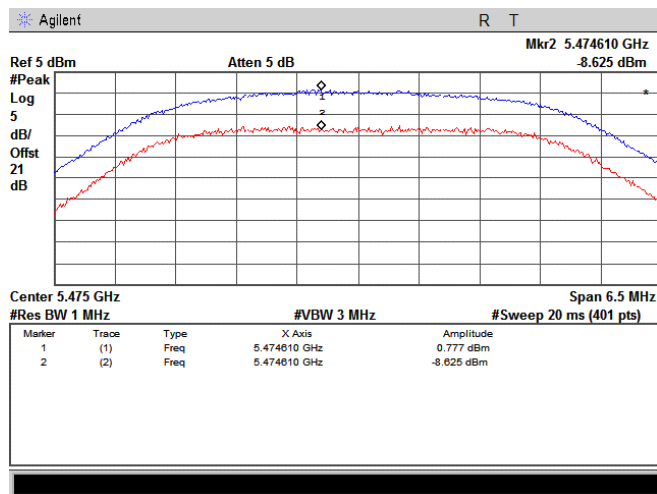
Frequency:	5480 MHz
Channel BW:	10 MHz
Modulation parameters:	64QAM; 27 MBps



<b>Test specification:</b>		<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>	
<b>Test procedure:</b>		FCC Public Notice DA 02-2138, Appendix A	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

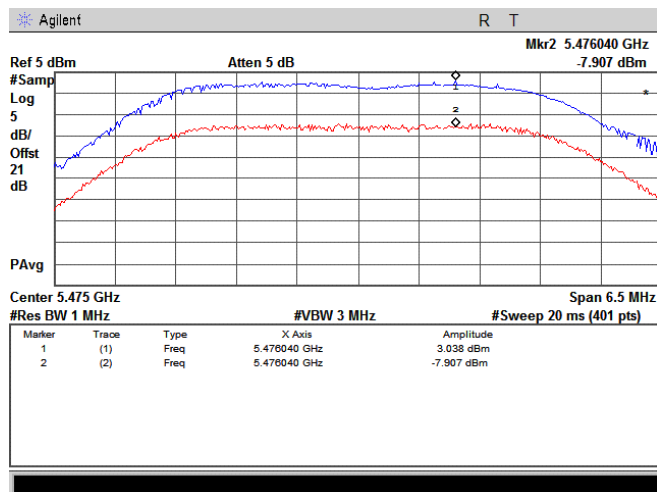
Plot 7.2.57 Peak excursion measurement

Frequency:	5475 MHz
Channel BW:	5 MHz
Modulation parameters:	BPSK; 1.5 MBps



Plot 7.2.58 Peak excursion measurement

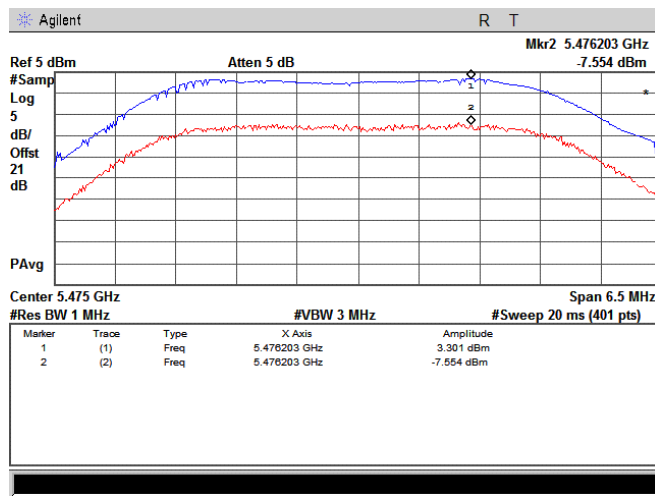
Frequency:	5475 MHz
Channel BW:	5 MHz
Modulation parameters:	QPSK; 4.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

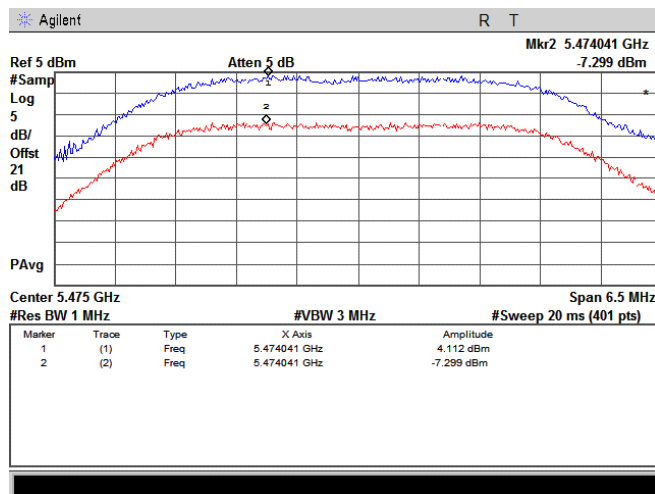
Plot 7.2.59 Peak excursion measurement

Frequency:	5475 MHz
Channel BW:	5 MHz
Modulation parameters:	16QAM; 6 MBps



Plot 7.2.60 Peak excursion measurement

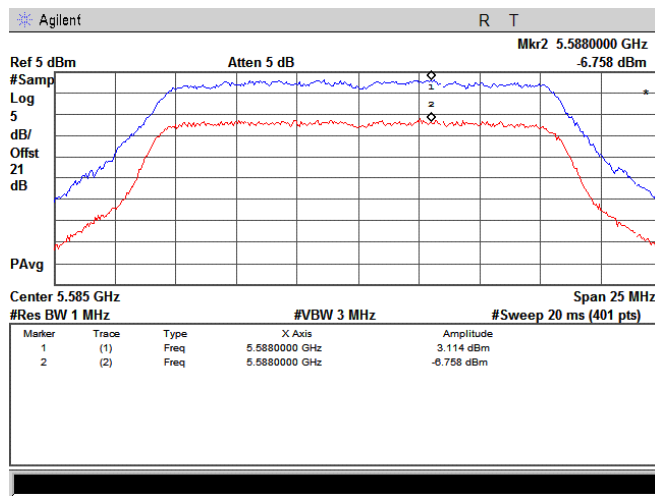
Frequency:	5475 MHz
Channel BW:	5 MHz
Modulation parameters:	64QAM; 13.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

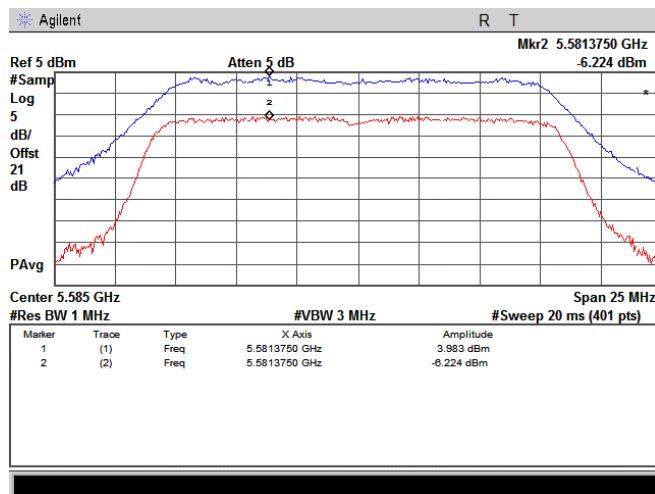
Plot 7.2.61 Peak excursion measurement

Frequency:	5585 MHz
Channel BW:	20 MHz
Modulation parameters:	BPSK; 6 MBps



Plot 7.2.62 Peak excursion measurement

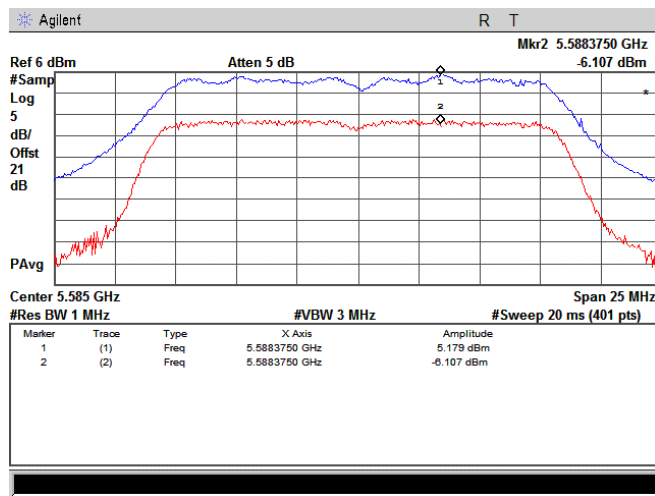
Frequency:	5585 MHz
Channel BW:	20 MHz
Modulation parameters:	QPSK; 18 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

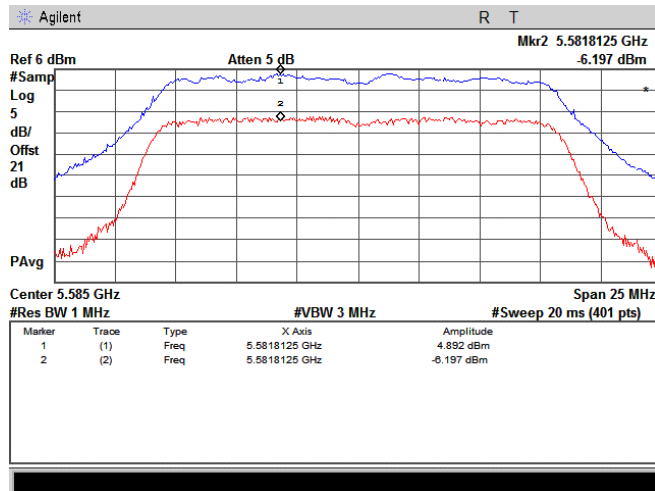
Plot 7.2.63 Peak excursion measurement

Frequency:	5585 MHz
Channel BW:	20 MHz
Modulation parameters:	16QAM; 24 MBps



Plot 7.2.64 Peak excursion measurement

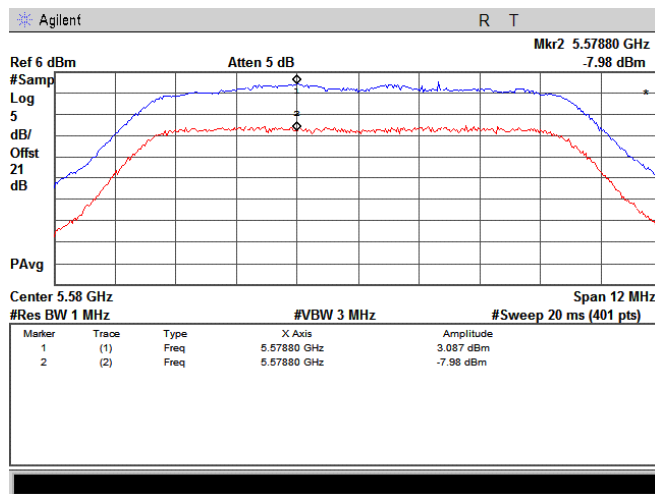
Frequency:	5585 MHz
Channel BW:	20 MHz
Modulation parameters:	64QAM; 54 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

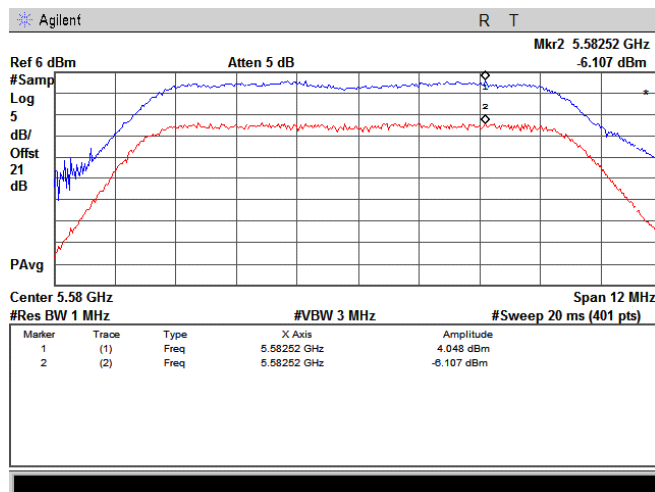
Plot 7.2.65 Peak excursion measurement

<b>Frequency:</b>	5590 MHz
<b>Channel BW:</b>	10 MHz
<b>Modulation parameters:</b>	BPSK; 3 MBps



Plot 7.2.66 Peak excursion measurement

<b>Frequency:</b>	5590 MHz
<b>Channel BW:</b>	10 MHz
<b>Modulation parameters:</b>	QPSK; 9 MBps

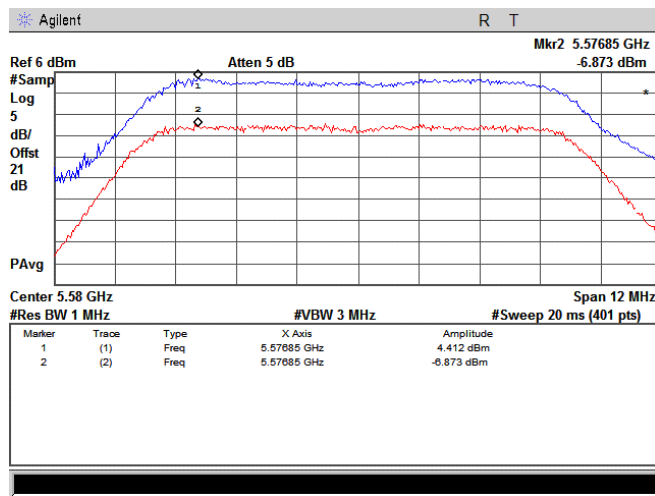




<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

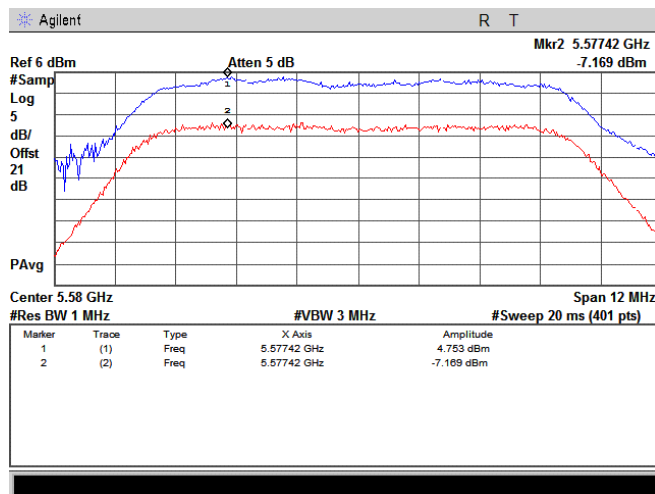
Plot 7.2.67 Peak excursion measurement

Frequency:	5590 MHz
Channel BW:	10 MHz
Modulation parameters:	16QAM; 12 MBps



Plot 7.2.68 Peak excursion measurement

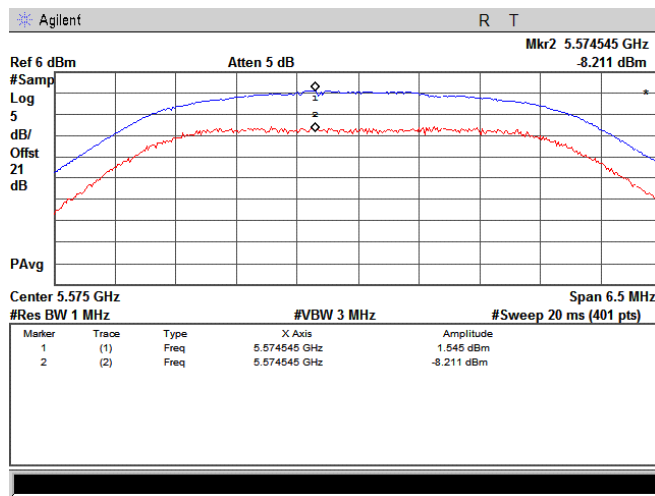
Frequency:	5590 MHz
Channel BW:	10 MHz
Modulation parameters:	64QAM; 27 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

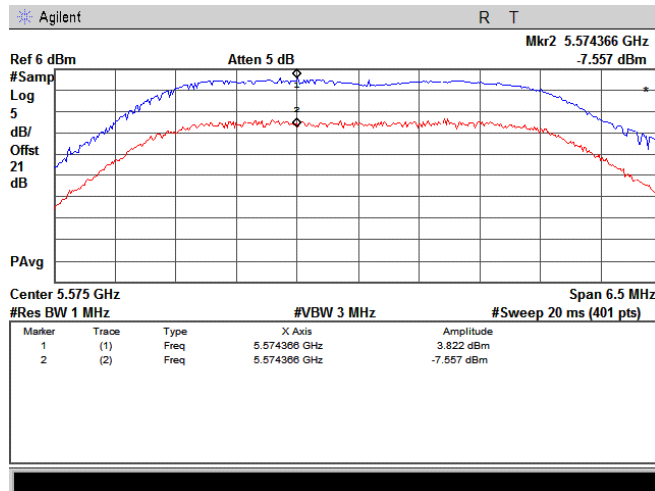
Plot 7.2.69 Peak excursion measurement

Frequency:	5595 MHz
Channel BW:	5 MHz
Modulation parameters:	BPSK; 1.5 MBps



Plot 7.2.70 Peak excursion measurement

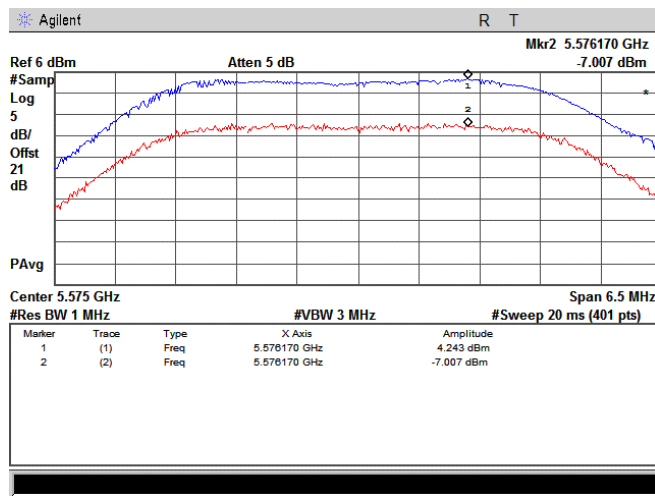
Frequency:	5595 MHz
Channel BW:	5 MHz
Modulation parameters:	QPSK; 4.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

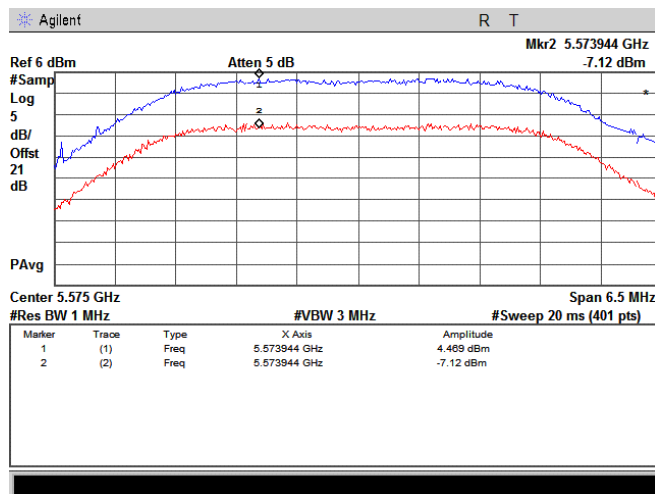
Plot 7.2.71 Peak excursion measurement

Frequency:	5595 MHz
Channel BW:	5 MHz
Modulation parameters:	16QAM; 6 MBps



Plot 7.2.72 Peak excursion measurement

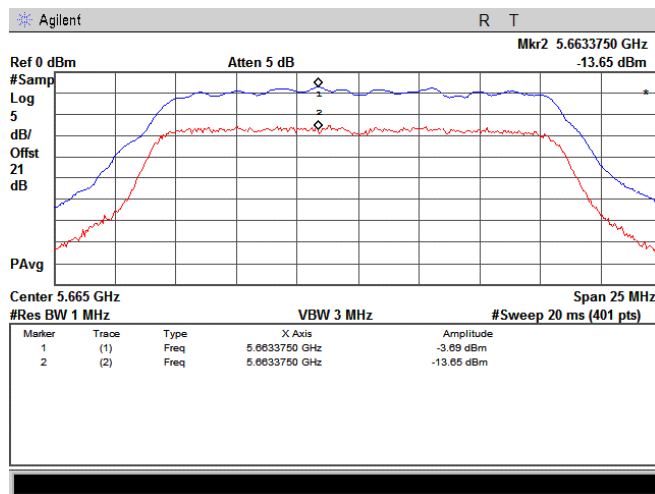
Frequency:	5595 MHz
Channel BW:	5 MHz
Modulation parameters:	64QAM; 13.5 MBps



<b>Test specification:</b>		<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>	
<b>Test procedure:</b>		FCC Public Notice DA 02-2138, Appendix A	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

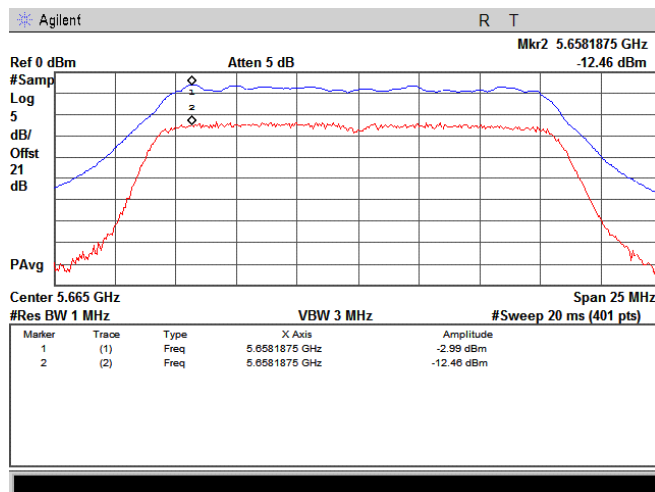
Plot 7.2.73 Peak excursion measurement

Frequency:	5665 MHz
Channel BW:	20 MHz
Modulation parameters:	BPSK; 6 MBps



Plot 7.2.74 Peak excursion measurement

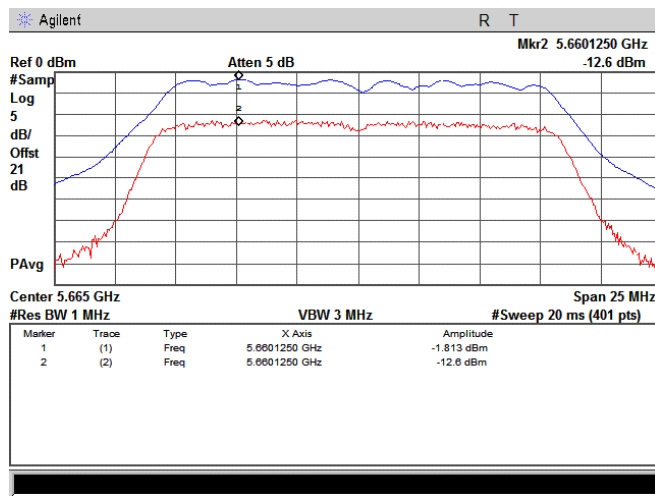
Frequency:	5665 MHz
Channel BW:	20 MHz
Modulation parameters:	QPSK; 18 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

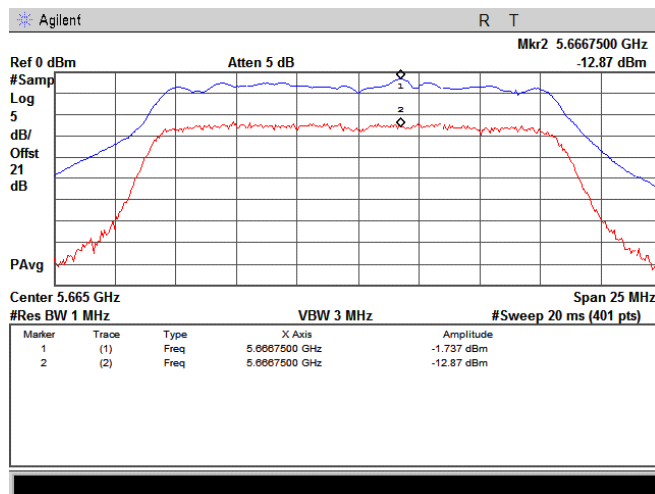
Plot 7.2.75 Peak excursion measurement

Frequency:	5665 MHz
Channel BW:	20 MHz
Modulation parameters:	16QAM; 24 MBps



Plot 7.2.76 Peak excursion measurement

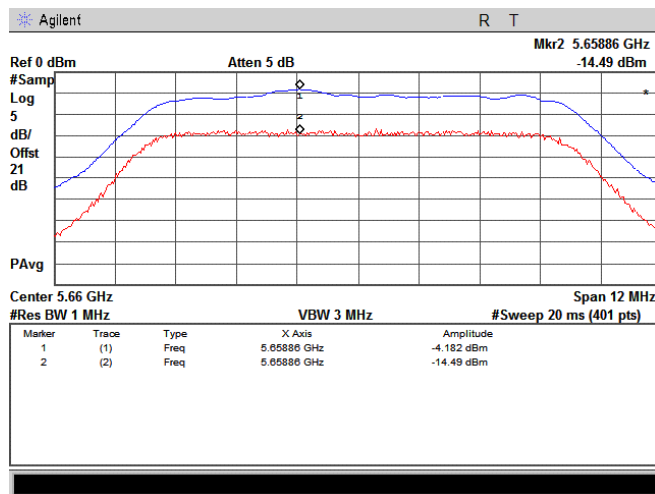
Frequency:	5665 MHz
Channel BW:	20 MHz
Modulation parameters:	64QAM; 54 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

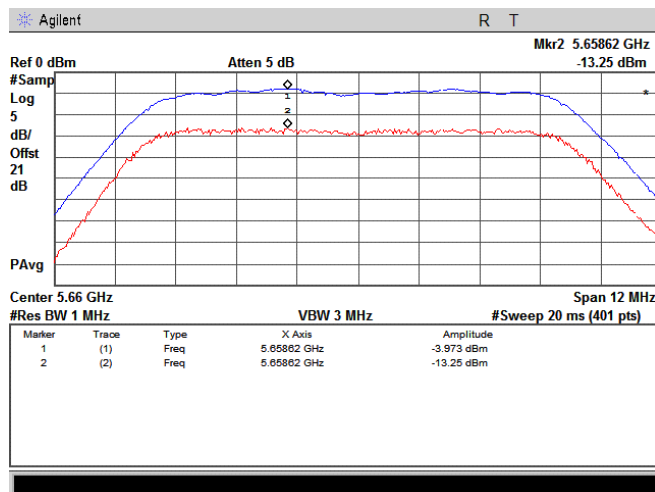
Plot 7.2.77 Peak excursion measurement

Frequency:	5660 MHz
Channel BW:	10 MHz
Modulation parameters:	BPSK; 3 MBps



Plot 7.2.78 Peak excursion measurement

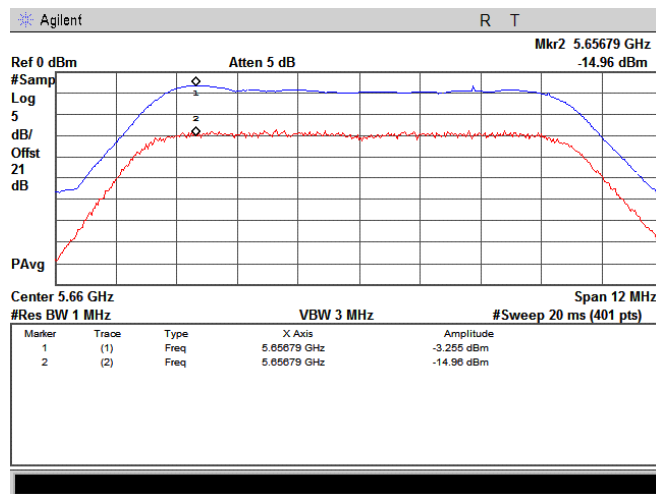
Frequency:	5660 MHz
Channel BW:	10 MHz
Modulation parameters:	QPSK; 9 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

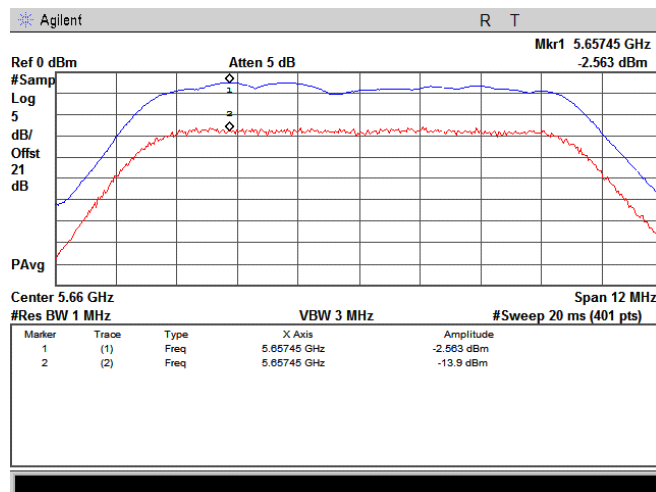
Plot 7.2.79 Peak excursion measurement

Frequency:	5660 MHz
Channel BW:	10 MHz
Modulation parameters:	16QAM; 12 MBps



Plot 7.2.80 Peak excursion measurement

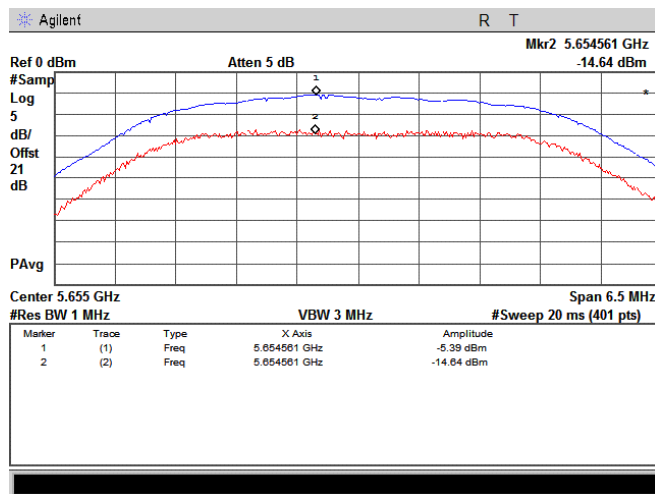
Frequency:	5660 MHz
Channel BW:	10 MHz
Modulation parameters:	64QAM; 27 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008	<b>Relative Humidity:</b>	52 %
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Power Supply:</b>	120 VAC
<b>Remarks:</b> EUT with external antenna			

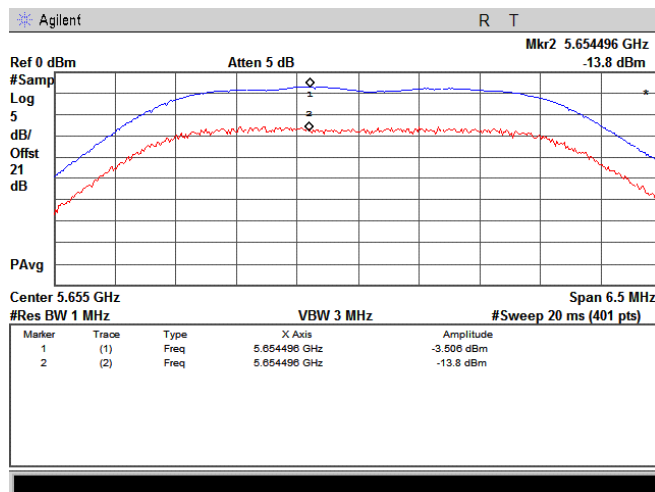
Plot 7.2.81 Peak excursion measurement

Frequency:	5655 MHz
Channel BW:	5 MHz
Modulation parameters:	BPSK; 1.5 MBps



Plot 7.2.82 Peak excursion measurement

Frequency:	5655 MHz
Channel BW:	5 MHz
Modulation parameters:	QPSK; 4.5 MBps

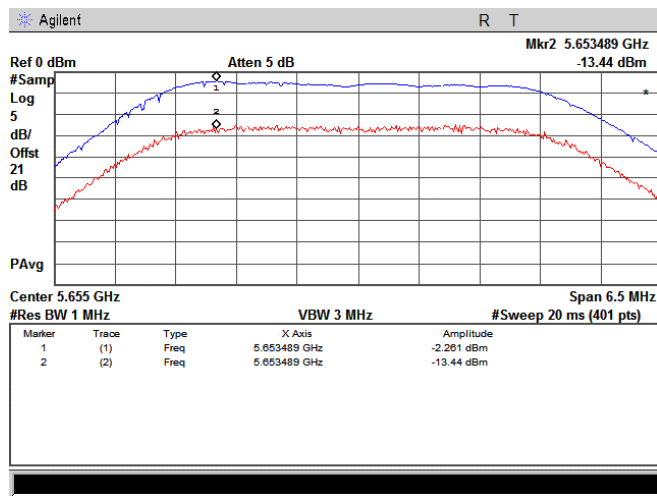




<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

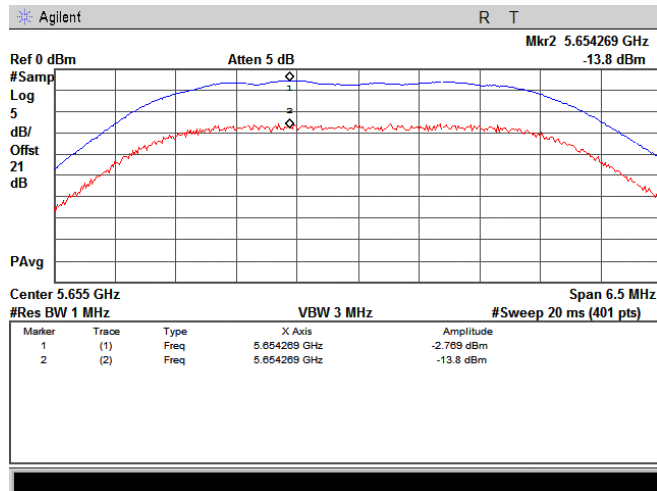
Plot 7.2.83 Peak excursion measurement

<b>Frequency:</b>	5655 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	16QAM; 6 MBps



Plot 7.2.84 Peak excursion measurement

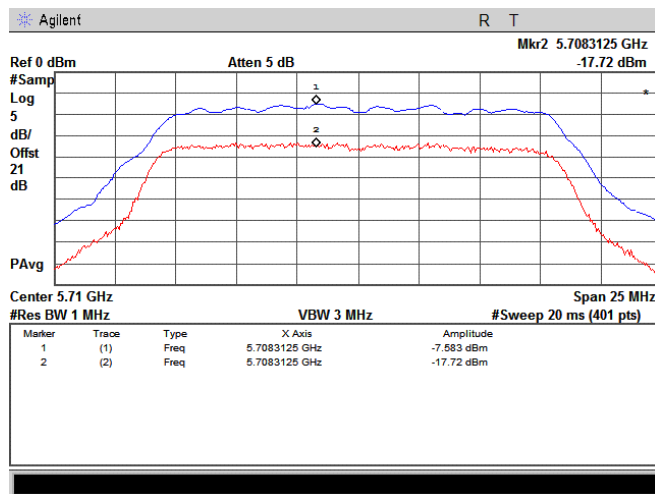
<b>Frequency:</b>	5655 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	64QAM; 13.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008	<b>Relative Humidity:</b>	52 %
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Power Supply:</b>	120 VAC
<b>Remarks:</b> EUT with external antenna			

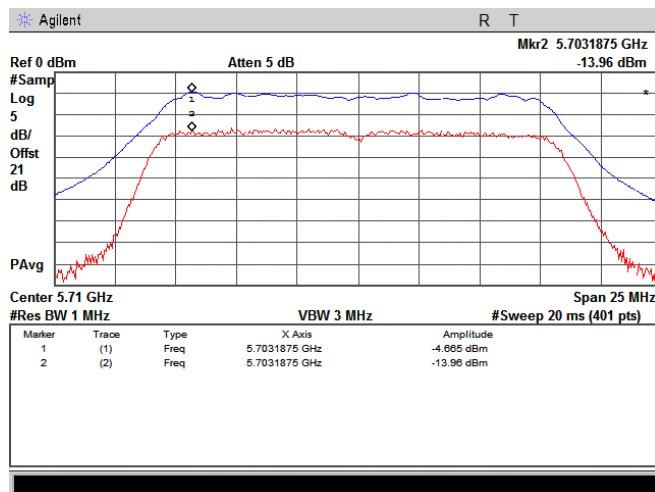
Plot 7.2.85 Peak excursion measurement

Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	BPSK; 6 MBps



Plot 7.2.86 Peak excursion measurement

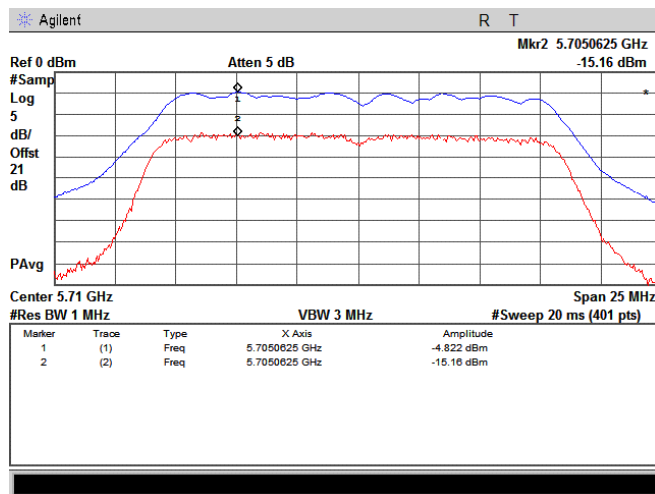
Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	QPSK; 18 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

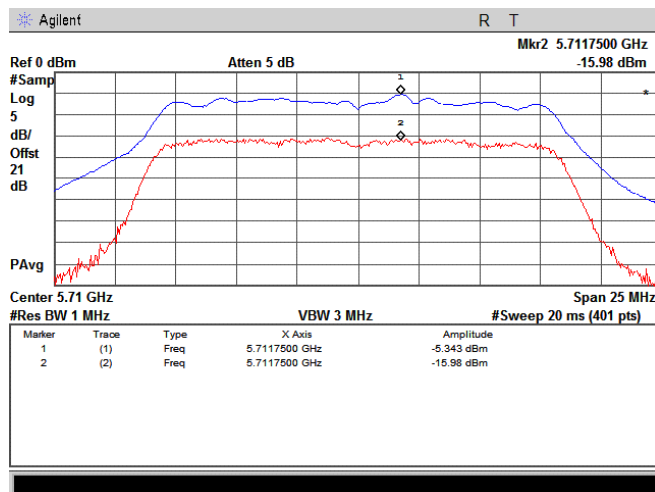
Plot 7.2.87 Peak excursion measurement

Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	16QAM; 24 MBps



Plot 7.2.88 Peak excursion measurement

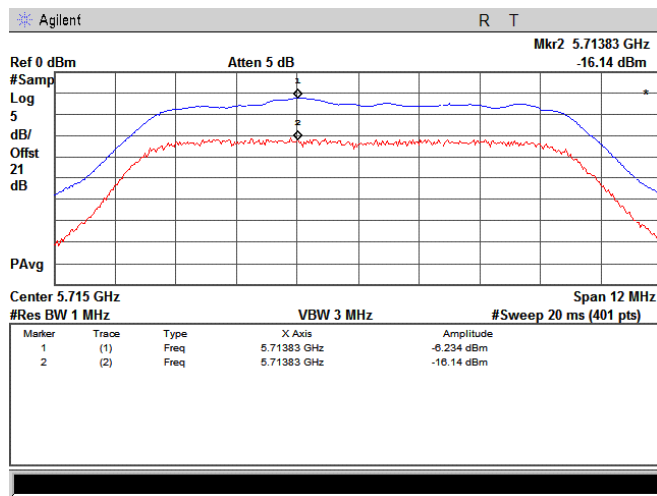
Frequency:	5710 MHz
Channel BW:	20 MHz
Modulation parameters:	64QAM; 54 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

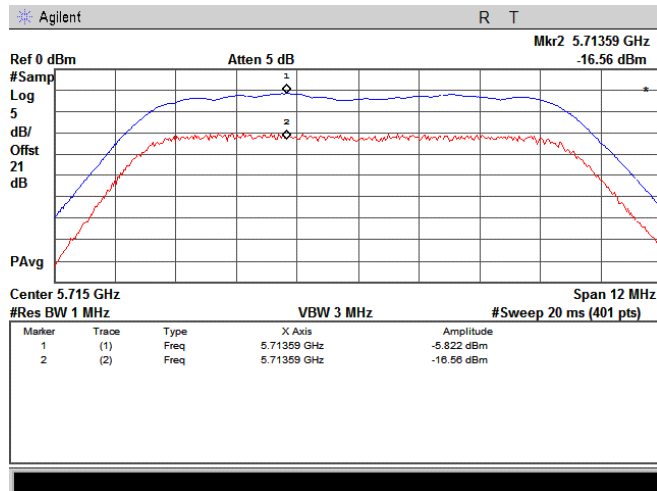
Plot 7.2.89 Peak excursion measurement

<b>Frequency:</b>	5715 MHz
<b>Channel BW:</b>	10 MHz
<b>Modulation parameters:</b>	BPSK; 3 MBps



Plot 7.2.90 Peak excursion measurement

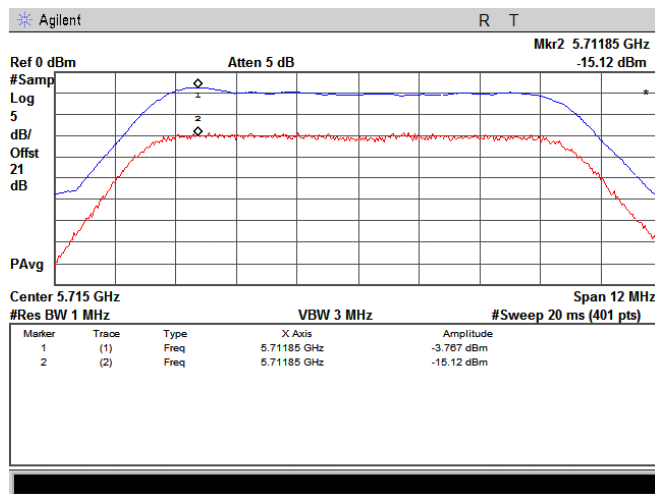
<b>Frequency:</b>	5715 MHz
<b>Channel BW:</b>	10 MHz
<b>Modulation parameters:</b>	QPSK; 9 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

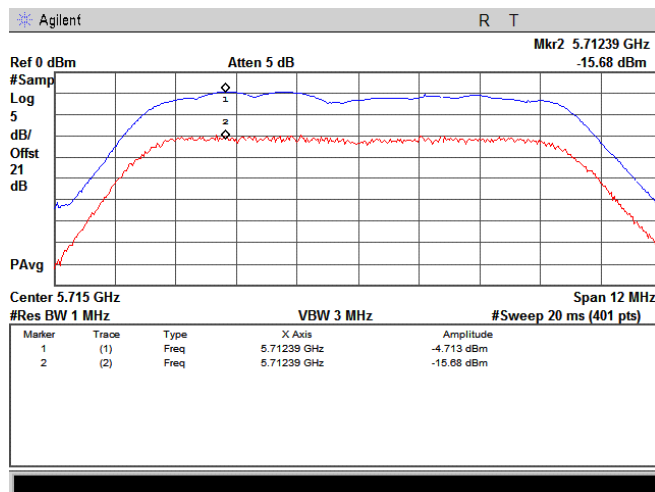
Plot 7.2.91 Peak excursion measurement

Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	16QAM; 12 MBps



Plot 7.2.92 Peak excursion measurement

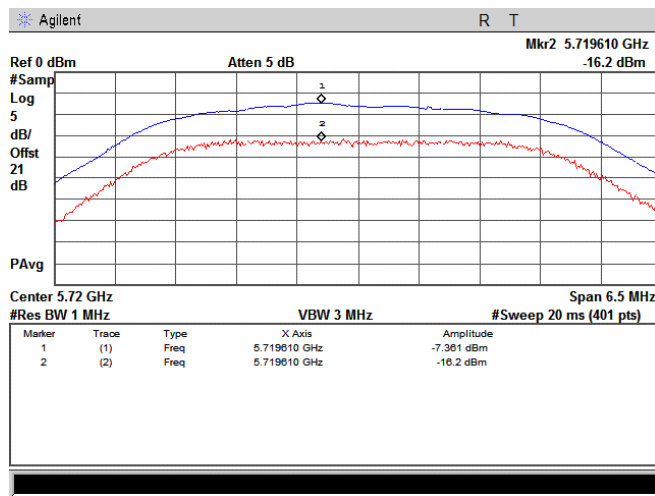
Frequency:	5715 MHz
Channel BW:	10 MHz
Modulation parameters:	64QAM; 27 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

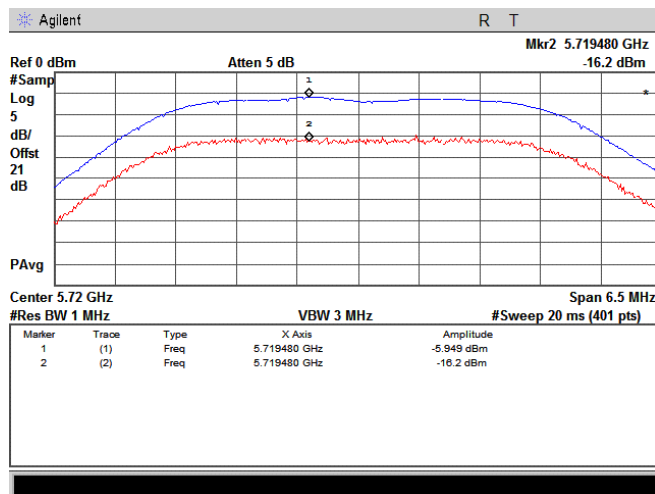
Plot 7.2.93 Peak excursion measurement

<b>Frequency:</b>	5720 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	BPSK; 1.5 MBps



Plot 7.2.94 Peak excursion measurement

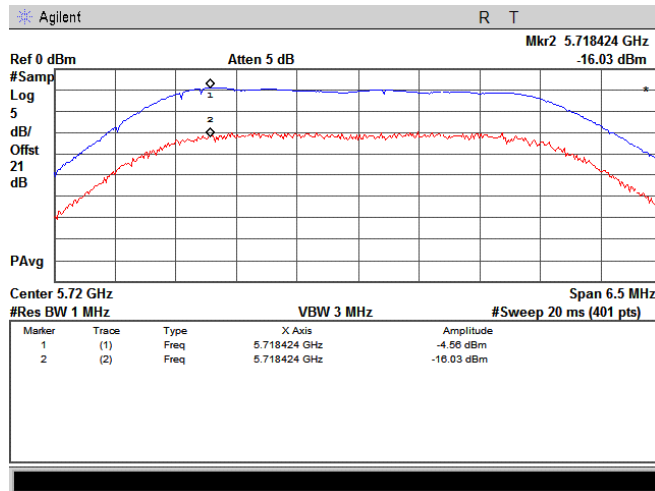
<b>Frequency:</b>	5720 MHz
<b>Channel BW:</b>	5 MHz
<b>Modulation parameters:</b>	QPSK; 4.5 MBps



<b>Test specification:</b>	<b>Section 15.407(a)(6), Ratio of the peak excursion of the modulation envelope to the peak transmit power</b>		
<b>Test procedure:</b>	FCC Public Notice DA 02-2138, Appendix A		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/15/2008		
<b>Temperature:</b> 23 °C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 52 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

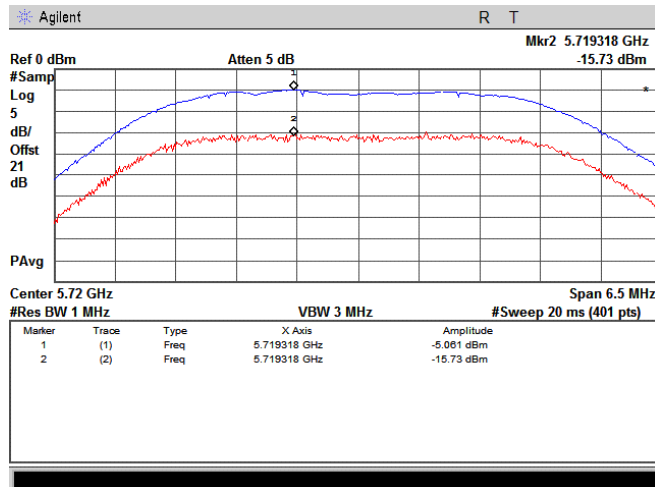
Plot 7.2.95 Peak excursion measurement

Frequency:	5720 MHz
Channel BW:	5 MHz
Modulation parameters:	16QAM; 6 MBps



Plot 7.2.96 Peak excursion measurement

Frequency:	5720 MHz
Channel BW:	5 MHz
Modulation parameters:	64QAM; 13.5 MBps





<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>		
<b>Test procedure:</b>	Public notice DA02-2138		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b>			

### 7.3 Band edge spurious emissions

This test was performed to measure radiated spurious emissions from the EUT. Specification test limits are given in Table 7.3.1.

Table 7.3.1 Radiated spurious emission test limits

Assigned frequency range, MHz	EIRP of spurious, dBm/MHz	Resolution bandwidth, kHz	Equivalent field strength limit @ 3m, dB( $\mu$ V/m)*
5470 - 5725	-27	1000	68.23

\* - Equivalent field strength limit was calculated from maximum allowed ERP of spurious as follows:  $E=20 \times \log(\sqrt{30 \times P \times 1.64})/r - 2.15$ , where P is EIRP in Watts, 1.64 is numeric gain of ideal dipole and r is antenna to EUT distance in meters

#### 7.3.1 Test procedure for spurious emission field strength measurements above 30 MHz

7.3.1.1 The EUT was set up as shown in Figure 7.3.1, energized and the performance check was conducted.

7.3.1.2 The specified frequency range was investigated with antenna connected to spectrum analyzer. To find maximum radiation the turntable was rotated 360° and the measuring antenna height was swept from 1 to 4 m in both, vertical and horizontal, polarizations.

7.3.1.3 The band-edge emission measurements were performed by marker-delta method.

7.3.1.4 The worst test results (the lowest margins) were recorded in Table 7.3.2 and shown in the associated plots.

#### 7.3.2 Test procedure for substitution EIRP measurements of spurious

7.3.2.1 The test equipment was set up as shown in Figure 7.3.2 and energized.

7.3.2.2 RF signal generator was set to the frequency of investigated spurious emission and the RF output level was preliminary adjusted to produce the same field strength as it was measured from the EUT.

7.3.2.3 The test antenna height was swept from 1 to 4 m to find maximum emission from substitution antenna and RF signal generator output was fine adjusted to produce the same field strength as it was measured from the EUT.

7.3.2.4 The above procedure was performed in both, horizontal and vertical, polarizations of the test and substitution antennas.

7.3.2.5 The EIRP of spurious emissions was calculated as a sum of signal generator output power in dBm and antenna gain in dBi reduced by cable loss in dB.

7.3.2.6 The above procedure was repeated at the rest of investigated frequencies.

7.3.2.7 The worst test results (the lowest margins) were recorded in Table 7.3.3 and shown in the associated plots.



<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions			
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b>			

Figure 7.3.1 Setup for spurious emission field strength measurements above 30 MHz

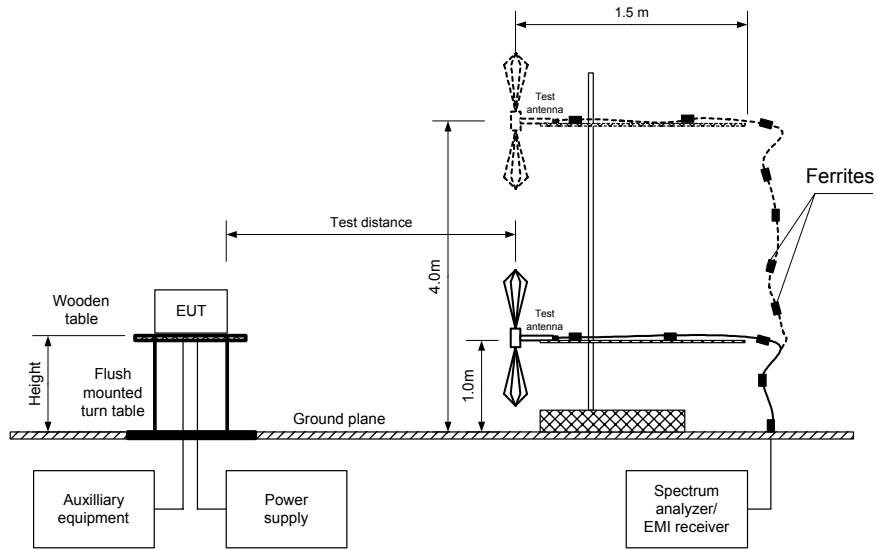
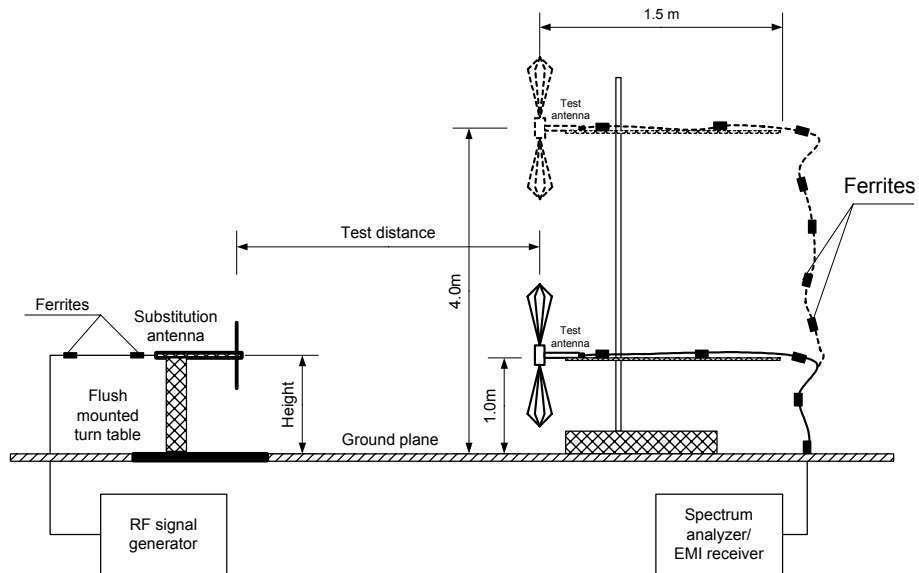


Figure 7.3.2 Setup for substitution ERP measurements of spurious





<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>			
<b>Test procedure:</b>		Public notice DA02-2138			
<b>Test mode:</b>		Compliance		<b>Verdict:</b> PASS	
<b>Date:</b>		7/16/2008			
<b>Temperature:</b> 24°C		<b>Air Pressure:</b> 1012 hPa		<b>Relative Humidity:</b> 48 %	
<b>Power Supply:</b> 120 VAC					
<b>Remarks:</b> EUT with internal antenna					

**Table 7.3.2 Spurious emission field strength test results**

ASSIGNED FREQUENCY RANGE: 5470 – 5725 MHz  
TEST DISTANCE: 3 m  
TEST SITE: Semi anechoic chamber  
EUT HEIGHT: 0.8 m  
TRANSMITTER OUTPUT POWER SETTINGS:  
“2 dBm” at 5 MHz channel bandwidth  
“5 dBm” at 10 MHz channel bandwidth  
“8 dBm” at 20 MHz channel bandwidth

DETECTOR USED: Peak  
VIDEO BANDWIDTH: > Resolution bandwidth  
TEST ANTENNA TYPE: Double ridged guide (above 1000 MHz)  
MODULATING SIGNAL: PRBS  
MODULATION: BPSK/64QAM

Frequency, MHz	Modulation	Bit rate, Mbps	CBW, MHz	Output power, dBm	Field strength dBuV/m	RBW, kHz	Limit, dBuV/m	Margin*, dB	Antenna polarity	Antenna height, m	TT**, degree	
Edge	Channel											
<b>Low edge</b>												
5470	5485	64QAM	54	20	8	69.39	1000	68.23	1.16	V	1.1	340
<b>Mid Edge 5600 MHz</b>												
5600	5595	64QAM	13.5	5	2	69.04	1000	68.23	0.81	V	1.1	300
<b>Mid Edge 5650 MHz</b>												
5650	5665	64QAM	54	20	8	71.10	1000	68.23	2.87	V	1.1	320
<b>High edge</b>												
5725	5720	64QAM	13.5	5	2	70.72	1000	68.23	2.49	V	1.1	350

\*- Margin = Field strength of spurious – calculated field strength limit.

\*\*- EUT front panel refers to 0 degrees position of turntable.

**Table 7.3.3 Substitution EIRP of spurious test results**

ASSIGNED FREQUENCY RANGE: 5470 – 5725 MHz  
TEST SITE: OATS  
TEST DISTANCE: 3 m  
SUBSTITUTION ANTENNA HEIGHT: 0.8 m  
DETECTOR USED: Peak  
VIDEO BANDWIDTH: > Resolution bandwidth  
SUBSTITUTION ANTENNA TYPE: Double ridged guide

Frequency, MHz	Field strength, dB(μV/m)	RBW, kHz	Antenna polariz.	Ant gain, dBi	Cable loss, dB	RF generator output, dBm	EIRP, dBm/MHz	Limit, dBm/MHz	Margin, dB*	Verdict
5470.00	69.39	1000	V	2.2097	2.65	-28.64	-29.08	-27.00	-2.08	Pass
5600.00	69.04	1000	V	2.1138	2.74	-28.30	-28.93	-27.00	-1.93	Pass
5650.00	71.10	1000	V	2.1110	2.725	-27.32	-27.93	-27.00	-0.93	Pass
5725.00	70.72	1000	V	2.1055	2.785	-26.95	-27.63	-27.00	-0.63	Pass

\*- Margin = Spurious emission – specification limit.

**Reference numbers of test equipment used**

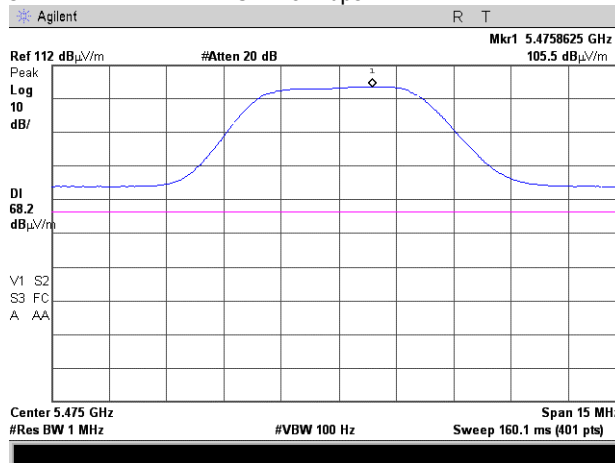
HL 0554	HL 1116	HL 1947	HL 2432	HL 2871	HL 2909	HL 3120	
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Full description is given in Appendix A.

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

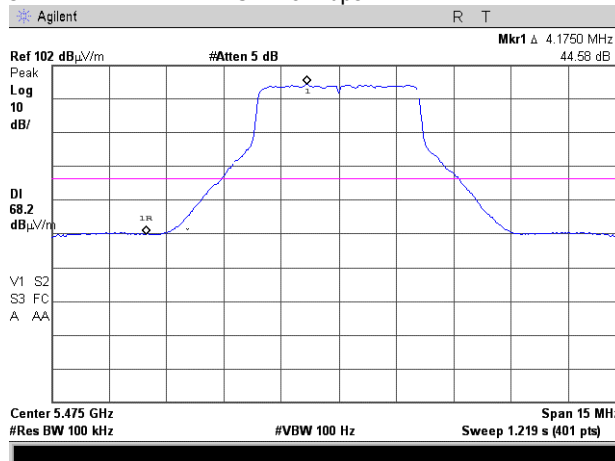
**Plot 7.3.1 Radiated emission measurements low carrier frequency (5475 MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.2 Radiated emission measurements at the band edges low carrier frequency (5475 MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps

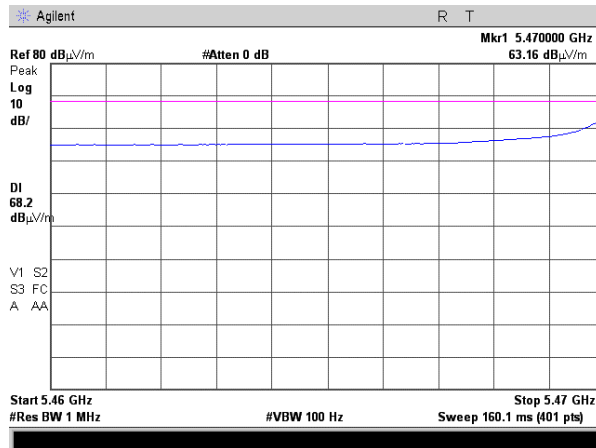


The field strength determined by delta method is equal to  $105.5 \text{ dB}\mu\text{V/m} - 44.58 \text{ dB} = 60.92 \text{ dB}\mu\text{V/m}$

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

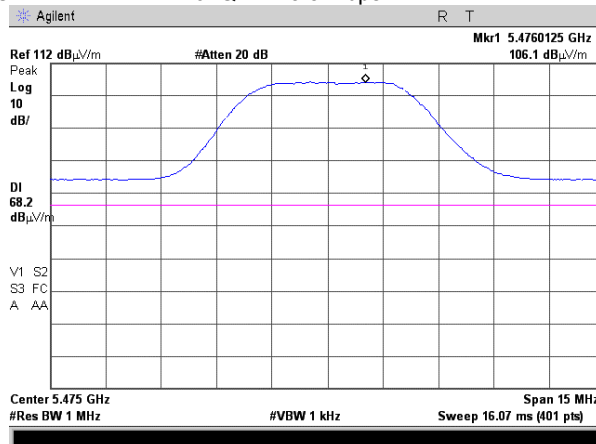
**Plot 7.3.3 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.4 Radiated emission measurements at the low carrier frequency (5475MHz)**

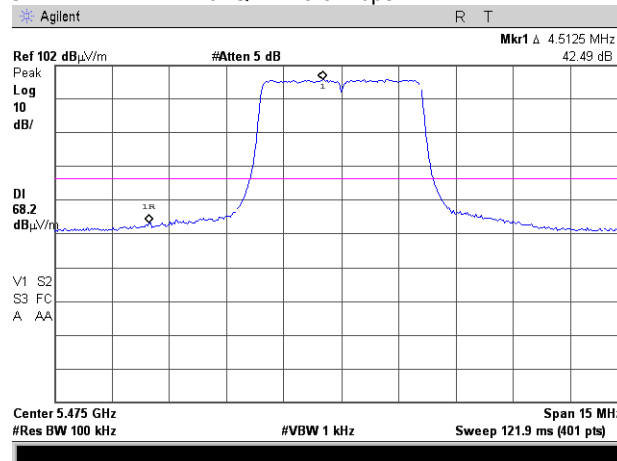
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.5 Radiated emission measurements at the band edges at the low carrier frequency (5475MHz)**

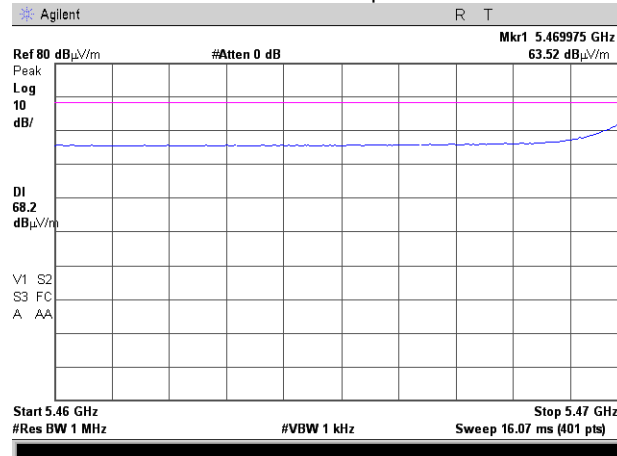
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 63.61 dBµV/m

**Plot 7.3.6 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5475MHz)**

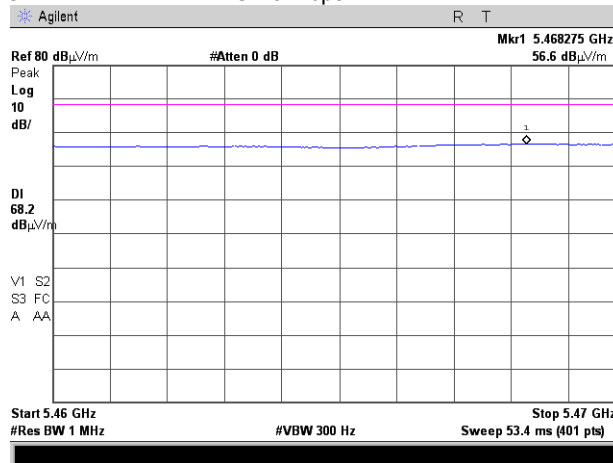
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

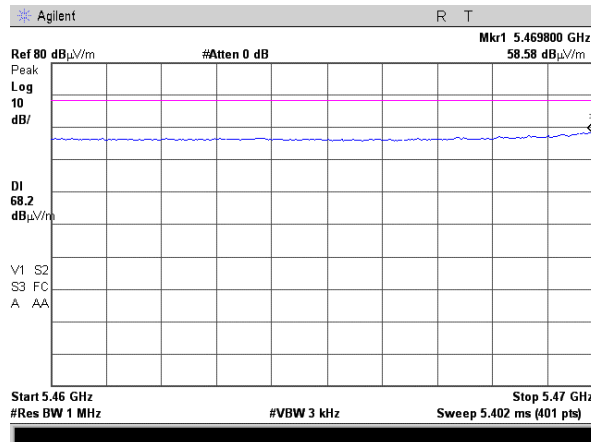
Plot 7.3.7 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.3.8 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5480MHz)

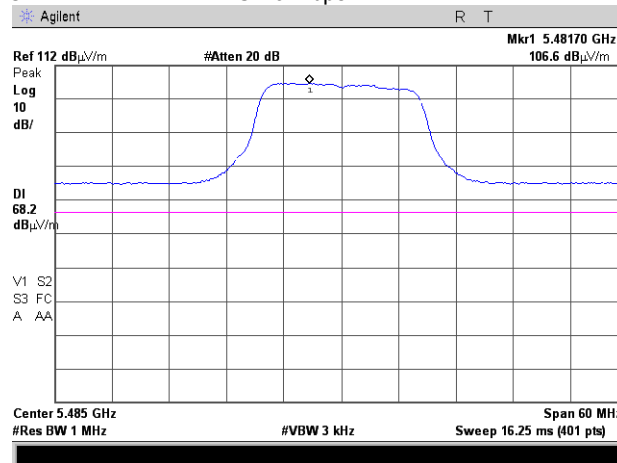
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: 64QAM 27Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

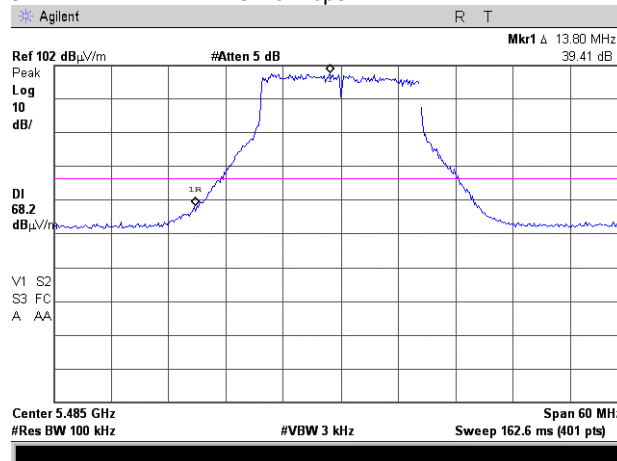
**Plot 7.3.9 Radiated emission measurements at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.10 Radiated emission measurements at the band edges at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

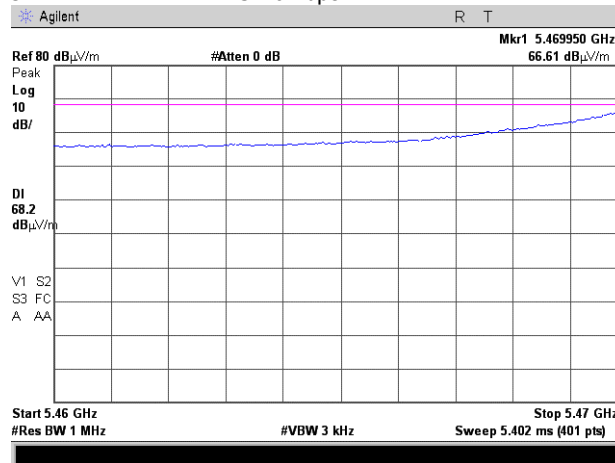


The field strength determined by delta method is equal to 67.19 dBμV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

Plot 7.3.11 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6Mbps



Plot 7.3.12 Radiated emission measurements at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps

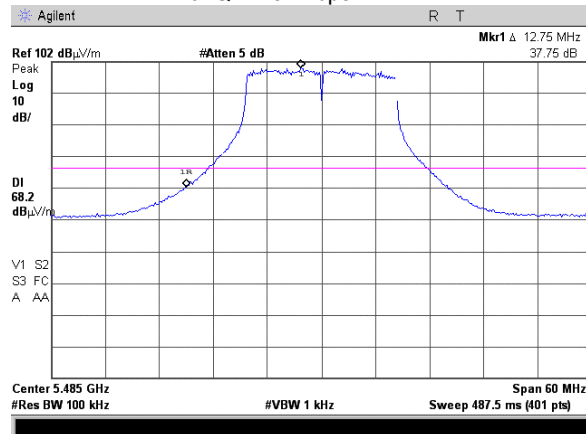




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.13 Radiated emission measurements at the band edges at the low carrier frequency (5485MHz)**

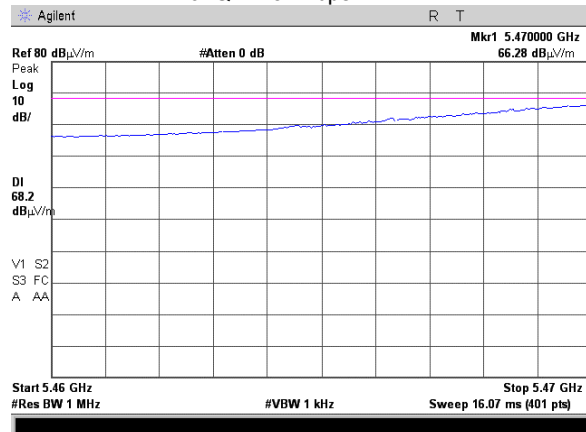
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps



The field strength determined by delta method is equal to 69.39 dB $\mu$ V/m

**Plot 7.3.14 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5485MHz)**

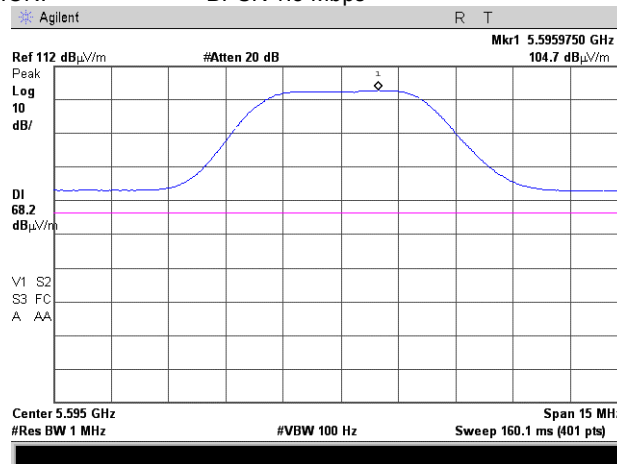
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

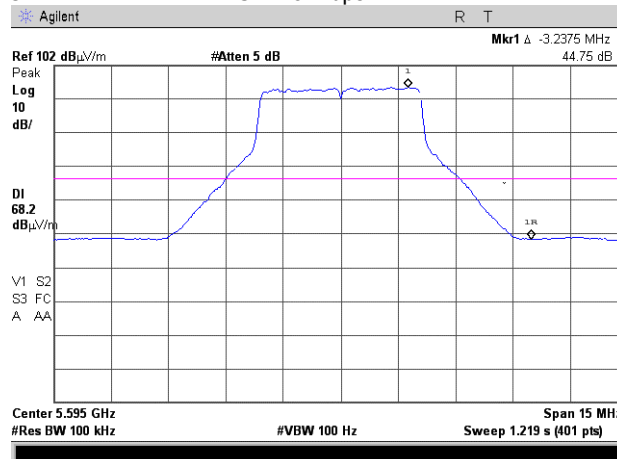
**Plot 7.3.15 Radiated emission measurements at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.16 Radiated emission measurements at the band edges at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps

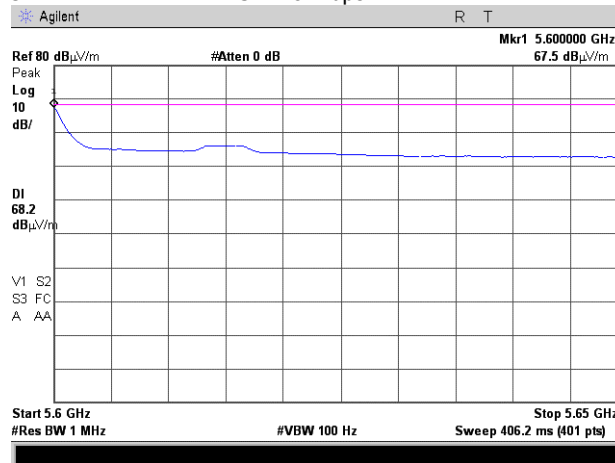


The field strength determined by delta method is equal to 59.95 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

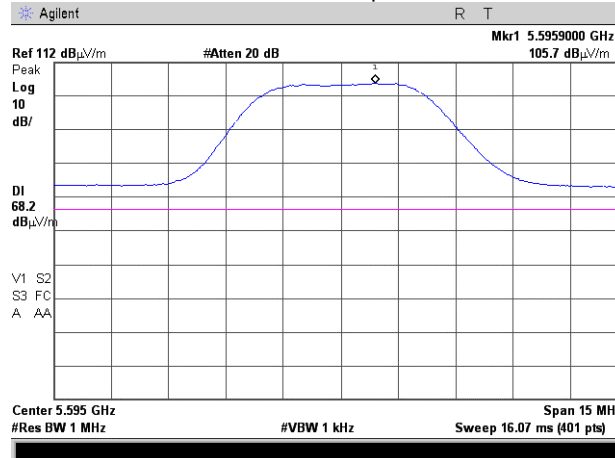
Plot 7.3.17 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



Plot 7.3.18 Radiated emission measurements at the mid carrier frequency (5595MHz)

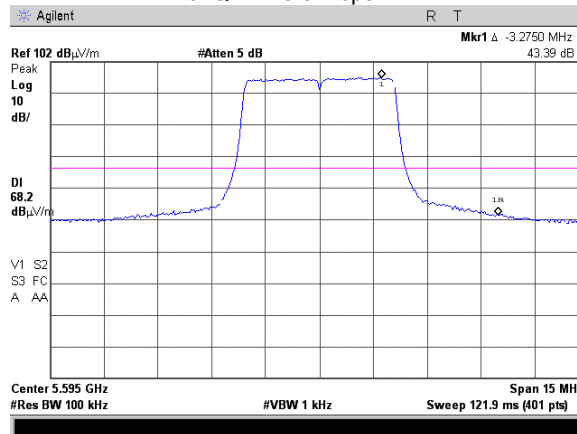
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.19 Radiated emission measurements at the band edges at the mid carrier frequency (5595MHz)**

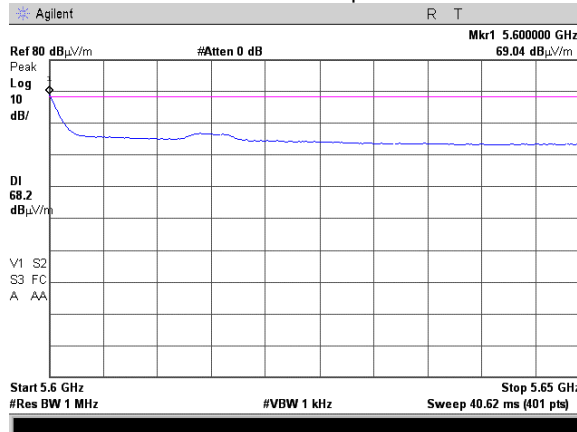
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 62.31 dBμV/m

**Plot 7.3.20 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5595MHz)**

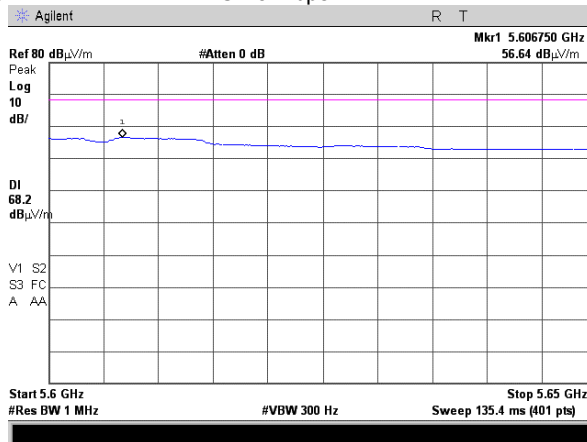
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

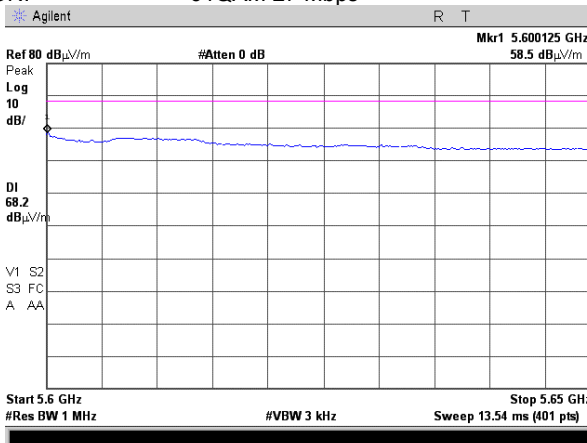
**Plot 7.3.21 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5590MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: BPSK 3 Mbps



**Plot 7.3.22 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5590MHz)**

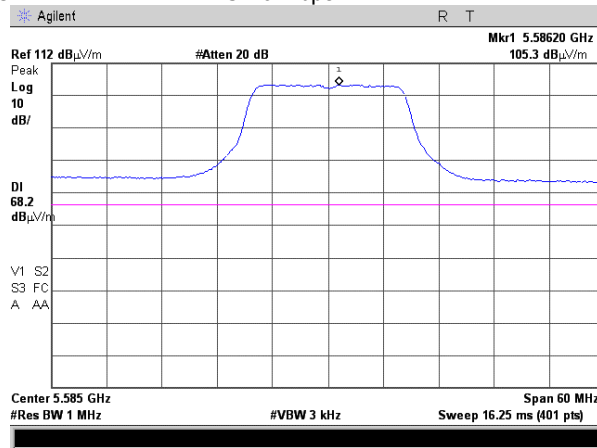
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: 64QAM 27 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
<b>Test procedure:</b>		<b>Out of band undesirable emissions</b>	
<b>Test mode:</b>	Public notice DA02-2138	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	Compliance		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

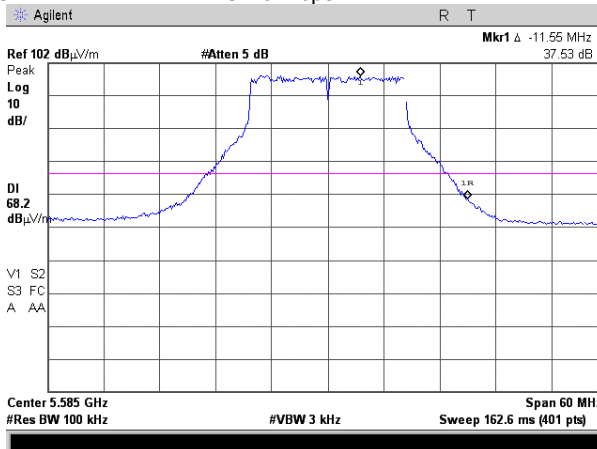
**Plot 7.3.23 Radiated emission measurements at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.24 Radiated emission measurements at the band edges at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps

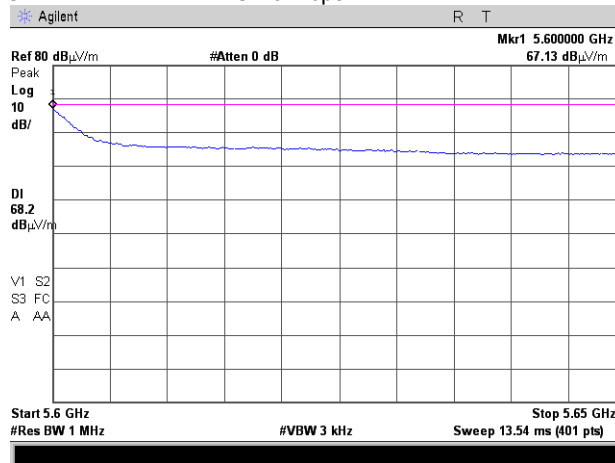


The field strength determined by delta method is equal to 67.77 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

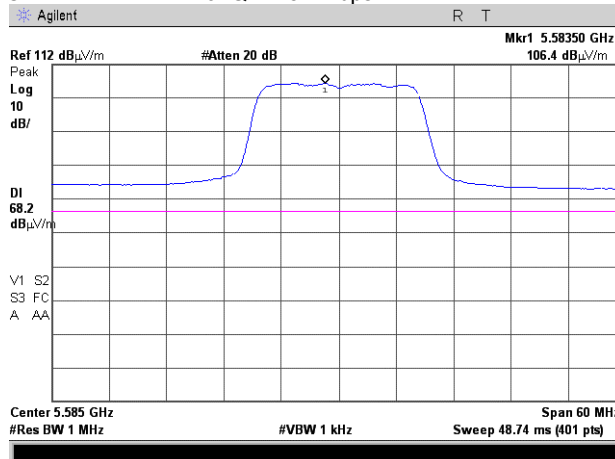
Plot 7.3.25 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



Plot 7.3.26 Radiated emission measurements at the mid carrier frequency (5585MHz)

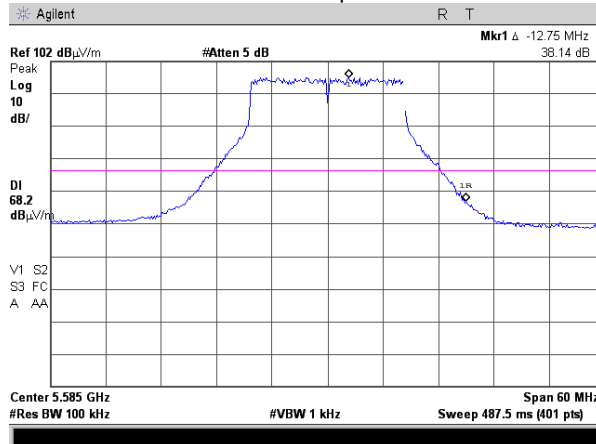
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.27 Radiated emission measurements at the band edges at the mid carrier frequency (5585MHz)**

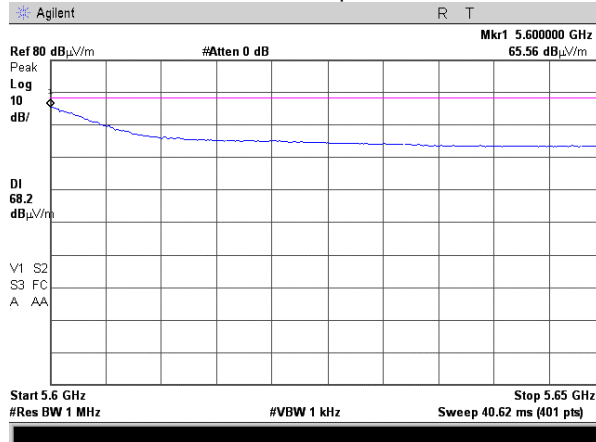
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 68.26 dBµV/m

**Plot 7.3.28 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps

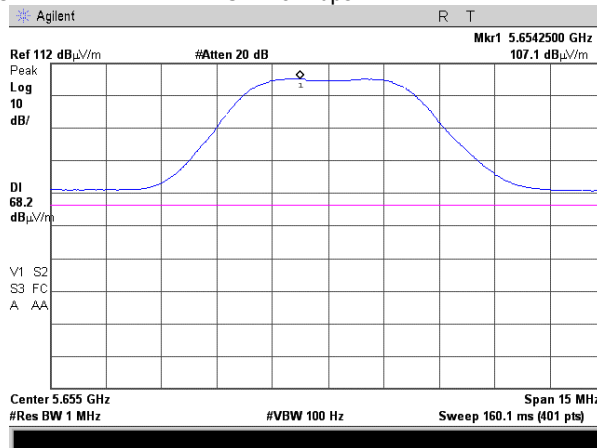




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

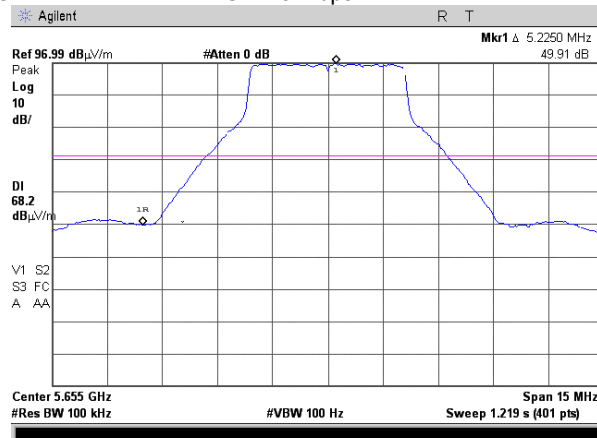
**Plot 7.3.29 Radiated emission measurements at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.30 Radiated emission measurements at the band edges at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps

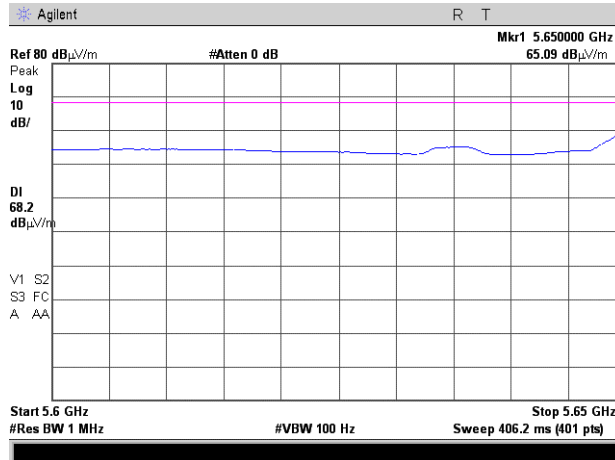


The field strength determined by delta method is equal to 57.19 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

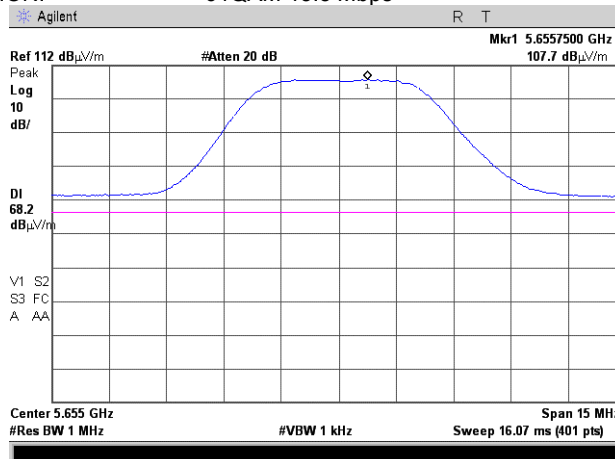
Plot 7.3.31 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5655MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



Plot 7.3.32 Radiated emission measurements at the mid carrier frequency (5655MHz)

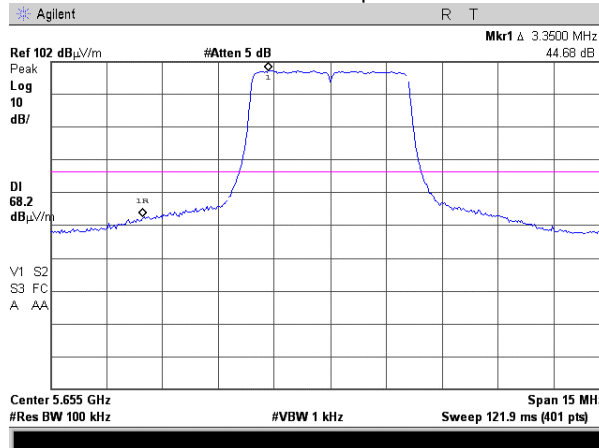
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.33 Radiated emission measurements at the band edges at the mid carrier frequency (5655MHz)**

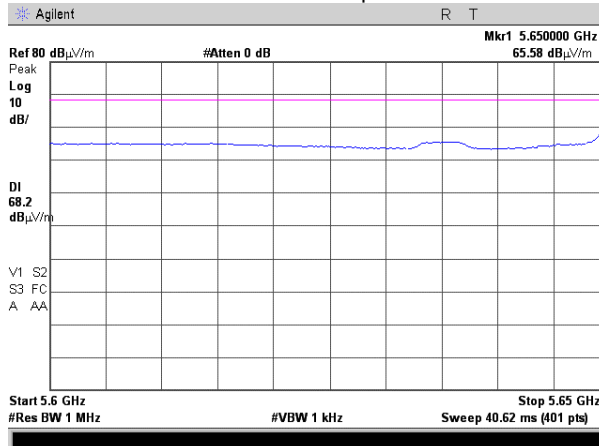
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 63.02 dBµV/m

**Plot 7.3.34 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5655MHz)**

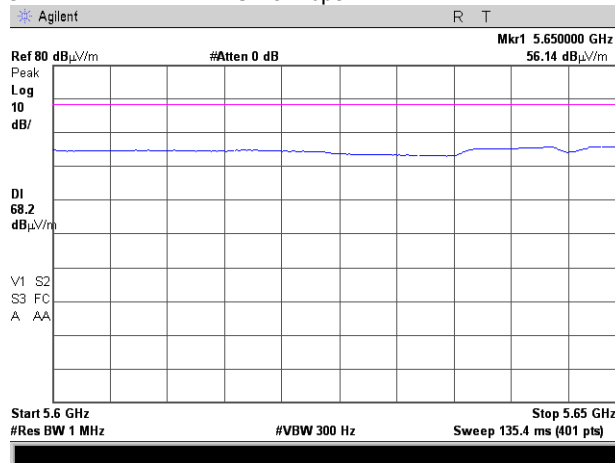
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

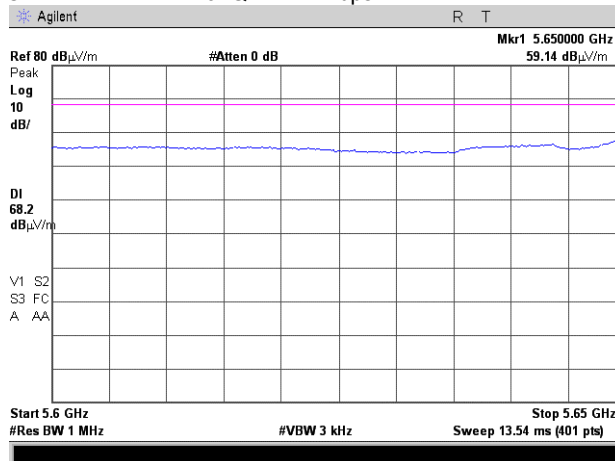
Plot 7.3.35 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5660MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.3.36 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5660MHz)

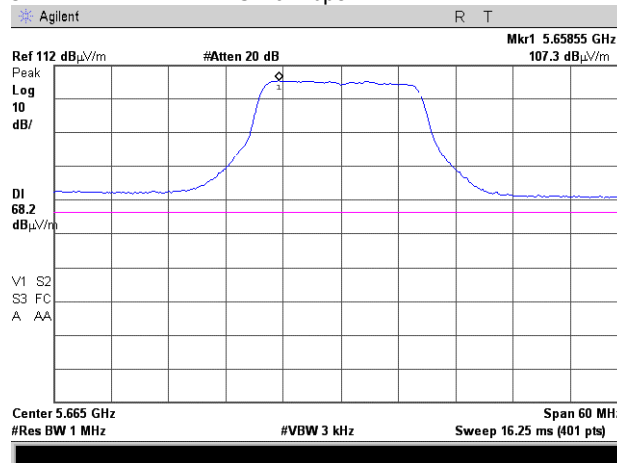
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: 64QAM 27 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C		<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %
<b>Power Supply:</b> 120 VAC			
<b>Remarks:</b> EUT with internal antenna			

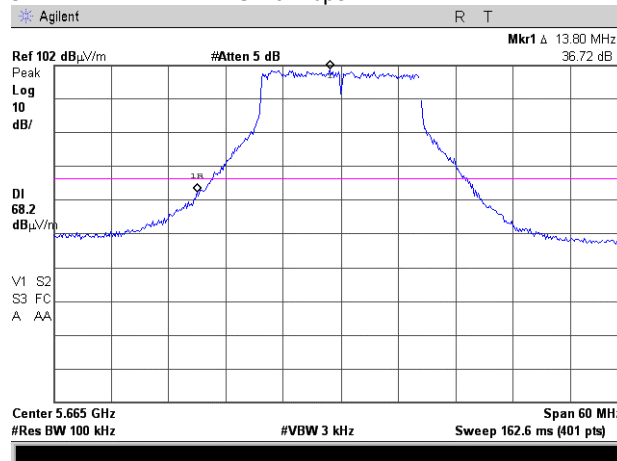
**Plot 7.3.37 Radiated emission measurements at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.38 Radiated emission measurements at the band edges at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps

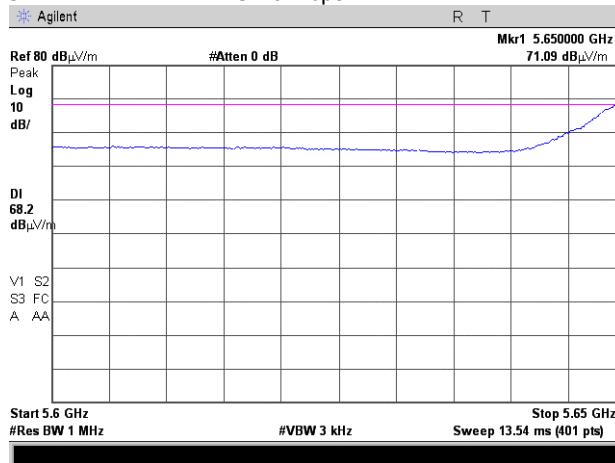


The field strength determined by delta method is equal to 70.58 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.39 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.40 Radiated emission measurements at the mid carrier frequency (5665MHz)**

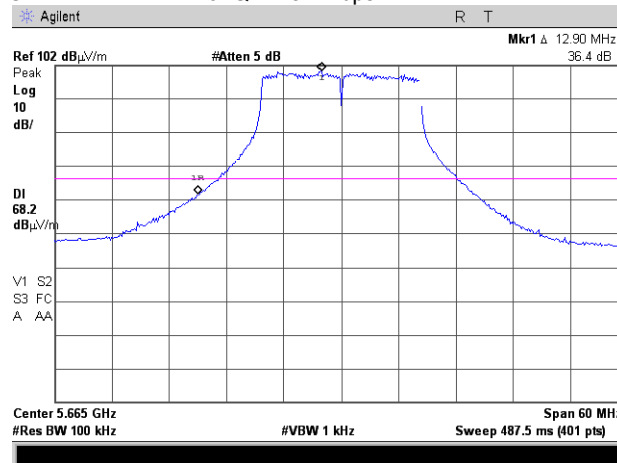
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

**Plot 7.3.41 Radiated emission measurements at the band edges at the mid carrier frequency (5665MHz)**

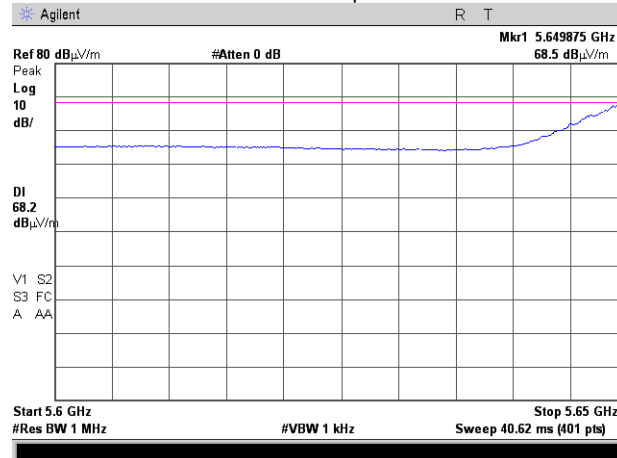
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 71.10 dBµV/m

**Plot 7.3.42 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

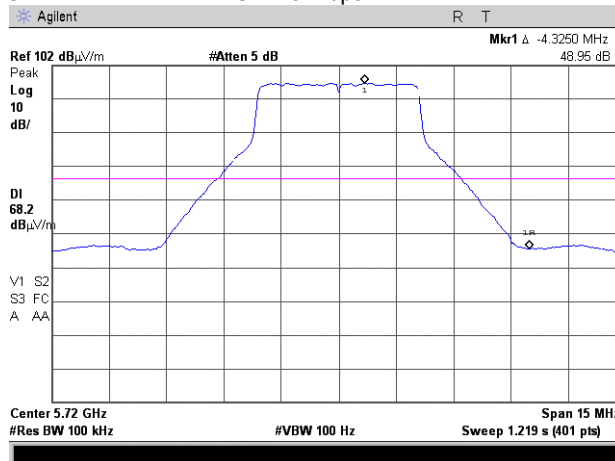
**Plot 7.3.43 Radiated emission measurements high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.44 Radiated emission measurements band edges at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



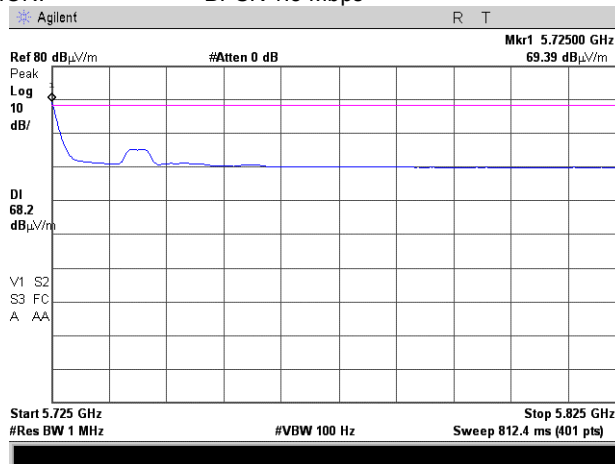
The field strength determined by delta method is equal to 57.15 dBµV/m



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

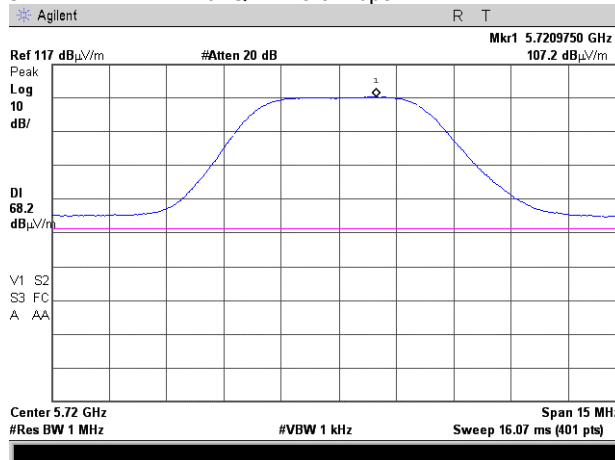
**Plot 7.3.45 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.46 Radiated emission at the high carrier frequency (5720MHz)**

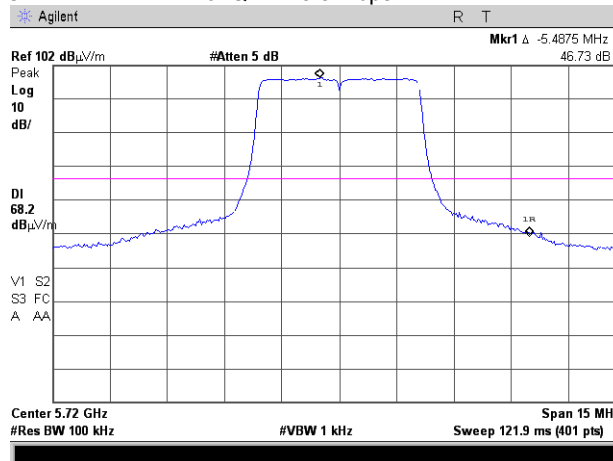
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

Plot 7.3.47 Radiated emission measurements at band edges at the high carrier frequency (5720MHz)

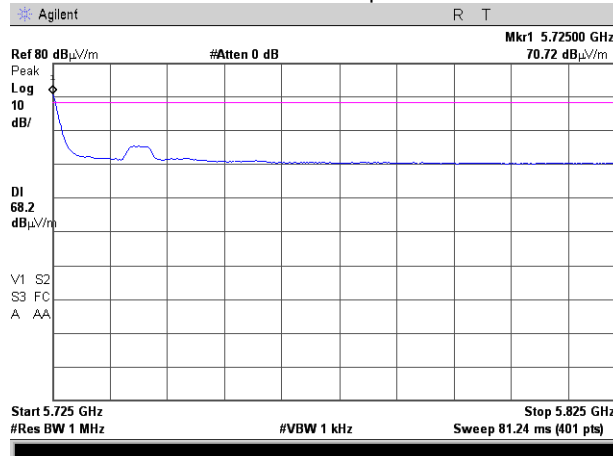
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 60.47 dB $\mu$ V/m

Plot 7.3.48 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5720MHz)

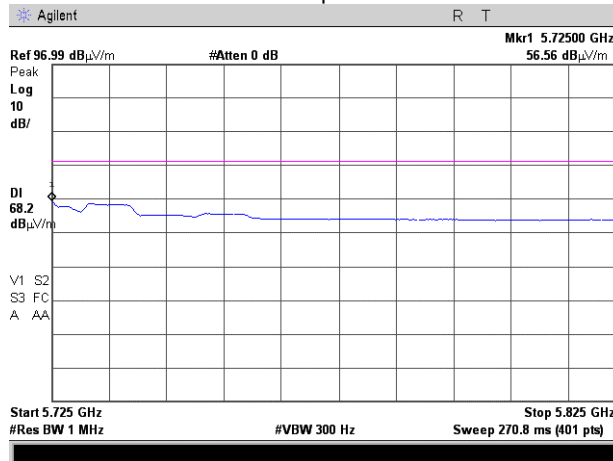
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

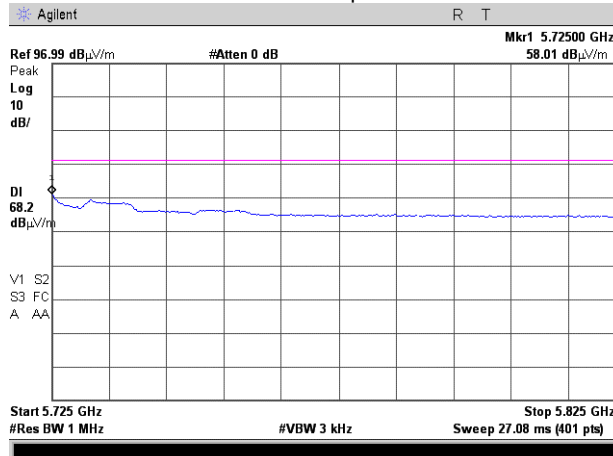
Plot 7.3.49 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.3.50 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5715MHz)

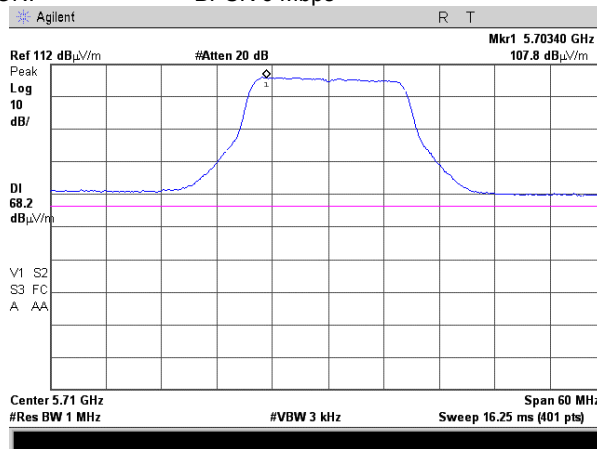
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: 64QAM 27 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

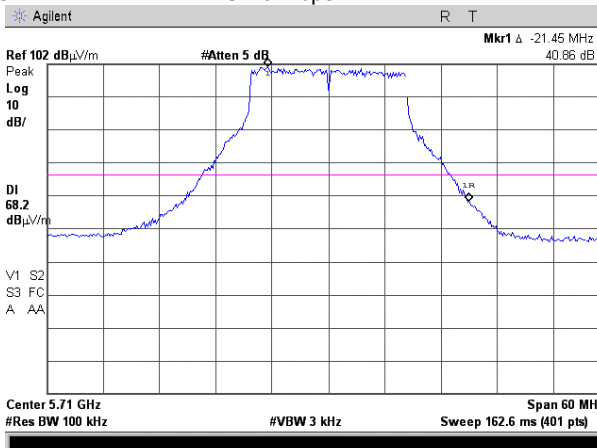
**Plot 7.3.51 Radiated emission measurements at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.52 Radiated emission measurements at band edges at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

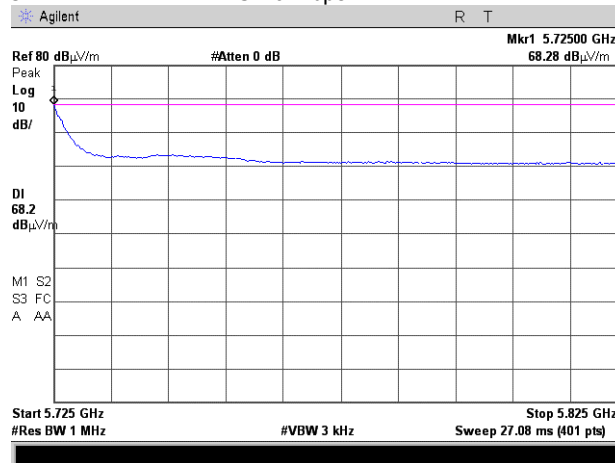


The field strength determined by delta method is equal to 66.94 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

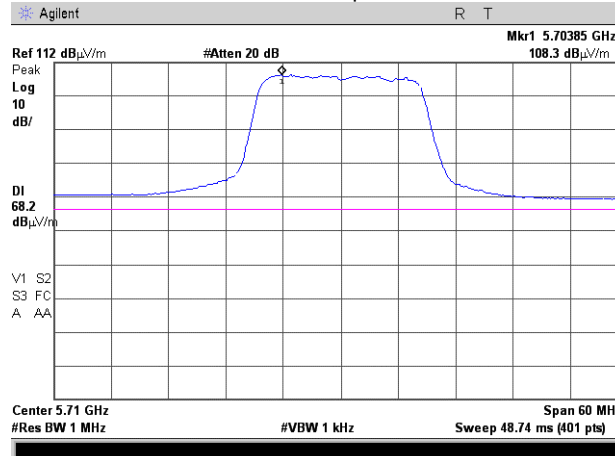
Plot 7.3.53 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



Plot 7.3.54 Radiated emission measurements at the high carrier frequency (5710MHz)

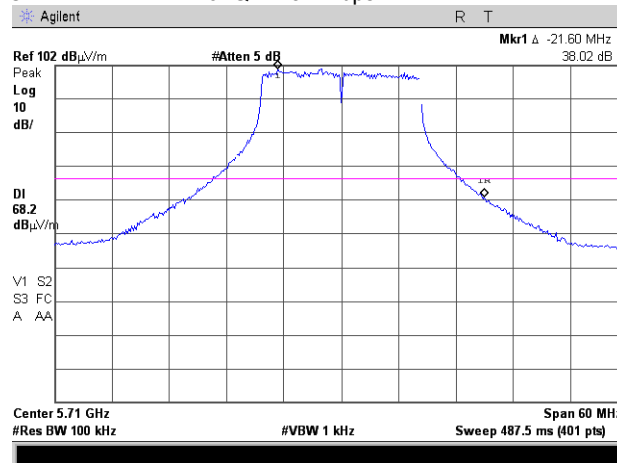
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna			

Plot 7.3.55 Radiated emission measurements band edges at the high carrier frequency (5710MHz)

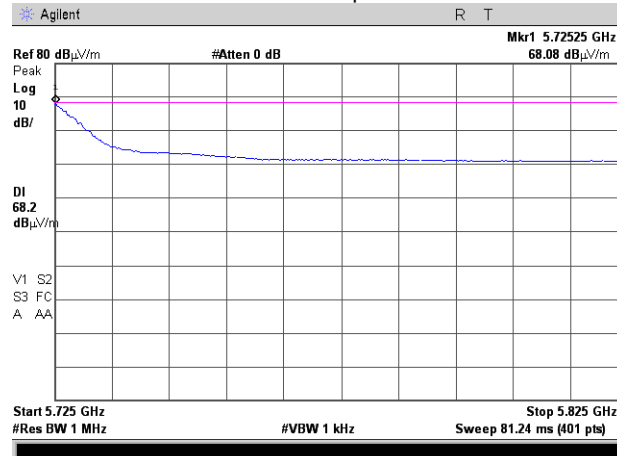
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW 20 MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 70.28 dBµV/m

Plot 7.3.56 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 20 MHz  
 MODULATION: 64QAM 54 Mbps





<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>			
<b>Test procedure:</b>		Public notice DA02-2138			
<b>Test mode:</b>		Compliance		<b>Verdict:</b> PASS	
<b>Date:</b>		7/16/2008			
<b>Temperature:</b> 24°C		<b>Air Pressure:</b> 1012 hPa		<b>Relative Humidity:</b> 48 %	
<b>Power Supply:</b> 120 VAC					
<b>Remarks:</b> EUT with external antenna					

Table 7.3.4 Spurious emission field strength test results

ASSIGNED FREQUENCY RANGE: 5470 – 5725 MHz  
TEST DISTANCE: 3 m  
TEST SITE: Semi anechoic chamber  
EUT HEIGHT: 0.8 m  
DETECTOR USED: Peak  
TRANSMITTER OUTPUT POWER SETTINGS: "3 dBm" at 5 MHz channel bandwidth  
"6 dBm" at 10 MHz channel bandwidth  
"9 dBm" at 20 MHz channel bandwidth  
VIDEO BANDWIDTH: > Resolution bandwidth  
TEST ANTENNA TYPE: Double ridged guide (above 1000 MHz)  
MODULATING SIGNAL: PRBS  
MODULATION: BPSK/64QAM

Frequency, MHz	Modulation	Bit rate, Mbps	CBW, MHz	Output power, dBm	Field strength dBuV/m	RBW, kHz	Limit*, dBuV/m	Margin*, dB	Antenna polarity	Antenna height, m	TT**, degree	
Edge	Channel											
<b>Low edge</b>												
5470	5485	64QAM	54	20	9	71.59	1000	68.23	3.36	V	1	0
<b>Mid Edge 5600 MHz</b>												
5600	5595	64QAM	13.5	5	3	70.43	1000	68.23	2.20	V	1	0
<b>Mid Edge 5650 MHz</b>												
5650	5665	64QAM	54	20	9	69.60	1000	68.23	1.37	V	1	0
<b>High edge</b>												
5725	5720	64QAM	13.5	5	3	69.45	1000	68.23	1.22	V	1	0

\*\* - Margin = Field strength of spurious – calculated field strength limit.

\*\*\* - EUT front panel refers to 0 degrees position of turntable.

Table 7.3.5 Substitution EIRP of spurious test results

ASSIGNED FREQUENCY RANGE: 5470 – 5725 MHz  
TEST SITE: OATS  
TEST DISTANCE: 3 m  
SUBSTITUTION ANTENNA HEIGHT: 0.8 m  
DETECTOR USED: Peak  
VIDEO BANDWIDTH: > Resolution bandwidth  
SUBSTITUTION ANTENNA TYPE: Double ridged guide

Frequency, MHz	Field strength, dB(μV/m)	RBW, kHz	Antenna polariz.	Ant gain, dBi	Cable loss, dB	RF generator output, dBm	EIRP, dBm/MHz	Limit, dBm/MHz	Margin, dB*	Verdict
5470.00	71.59	1000	V	2.2097	2.65	-26.94	-27.38	-27.00	-0.38	Pass
5600.00	70.43	1000	V	2.1138	2.74	-26.84	-27.47	-27.00	-0.47	Pass
5650.00	69.60	1000	V	2.1110	2.725	-27.01	-27.62	-27.00	-0.62	Pass
5725.00	69.45	1000	V	2.1055	2.785	-26.50	-27.18	-27.00	-0.18	Pass

\* - Margin = Spurious emission – specification limit.

## Reference numbers of test equipment used

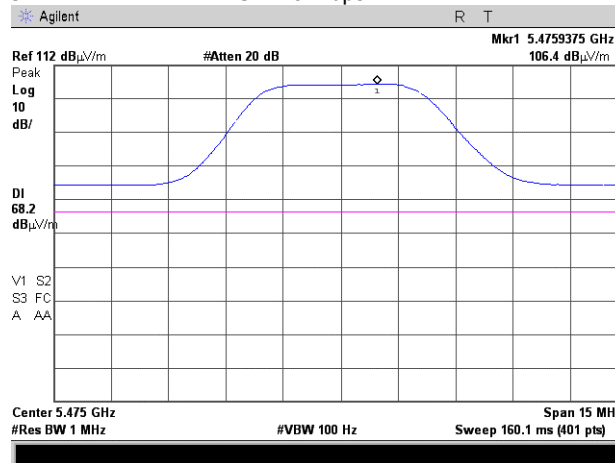
HL 0554	HL 1116	HL 1947	HL 2432	HL 2871	HL 2909	HL 3120
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Full description is given in Appendix A.

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

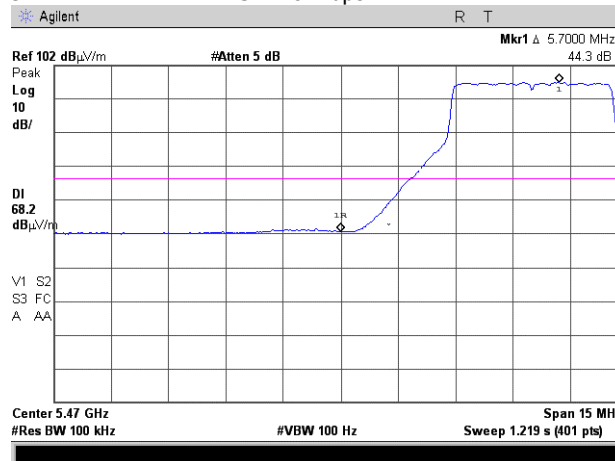
**Plot 7.3.57 Radiated emission measurements low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.58 Radiated emission measurements at the band edges low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



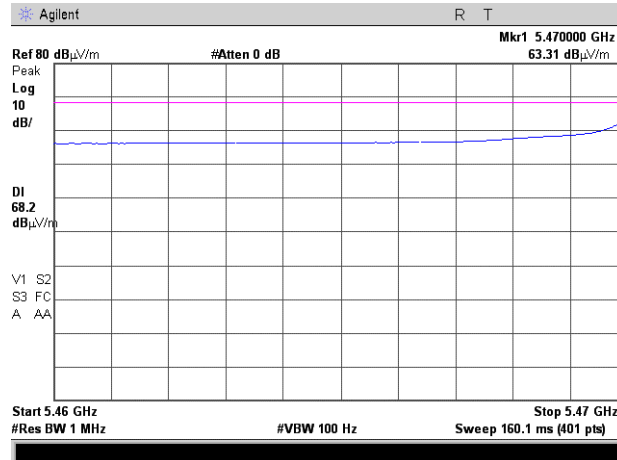
The field strength determined by delta method is equal to 62.10 dBµV/m



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

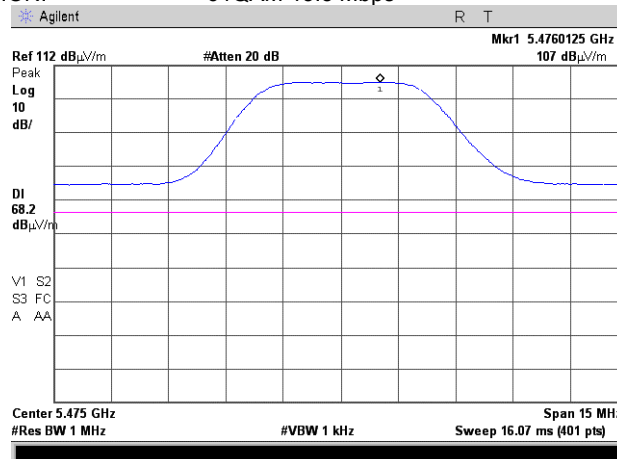
Plot 7.3.59 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



Plot 7.3.60 Radiated emission measurements at the low carrier frequency (5475MHz)

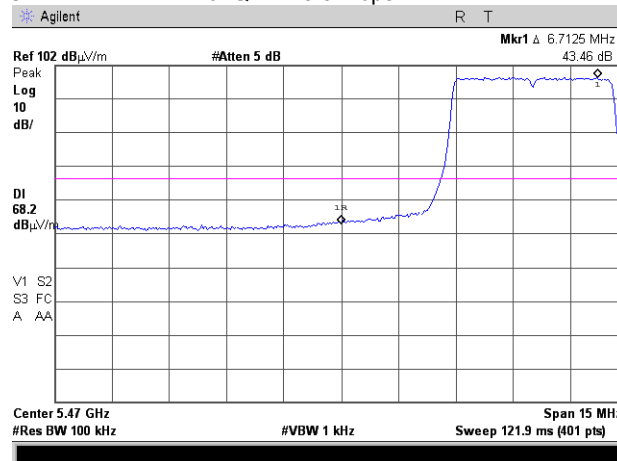
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.61 Radiated emission measurements at the band edges at the low carrier frequency (5475MHz)**

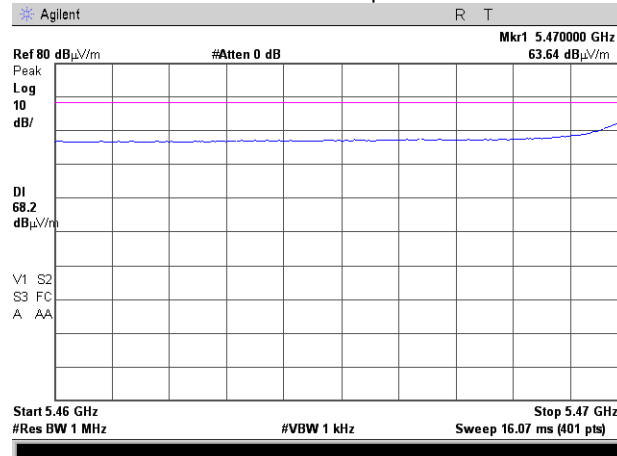
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 63.54 dB $\mu$ V/m

**Plot 7.3.62 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5475MHz)**

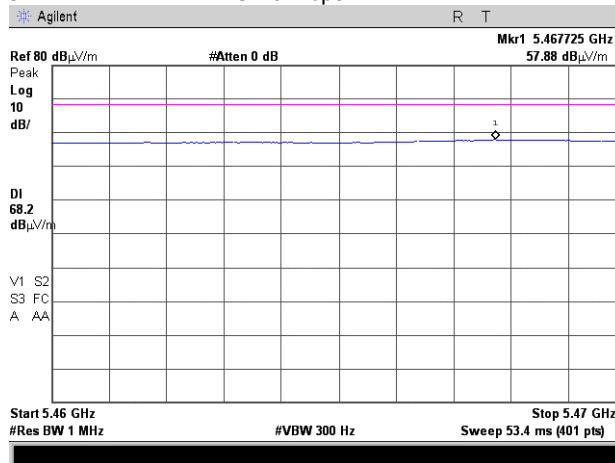
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

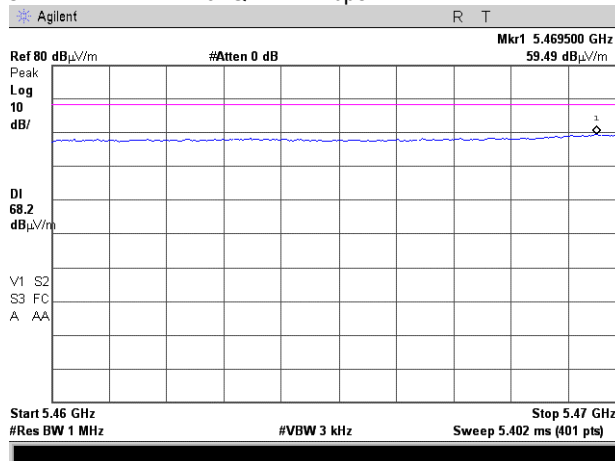
Plot 7.3.63 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.3.64 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5480MHz)

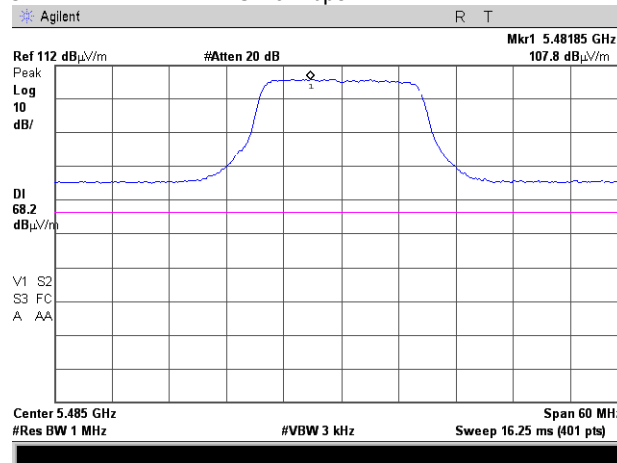
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: 64QAM 27Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C		<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %
<b>Power Supply:</b> 120 VAC			
<b>Remarks:</b> EUT with external antenna			

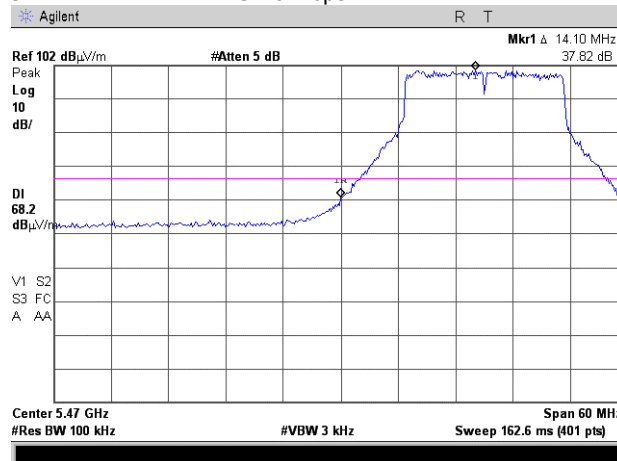
**Plot 7.3.65 Radiated emission measurements at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.66 Radiated emission measurements at the band edges at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

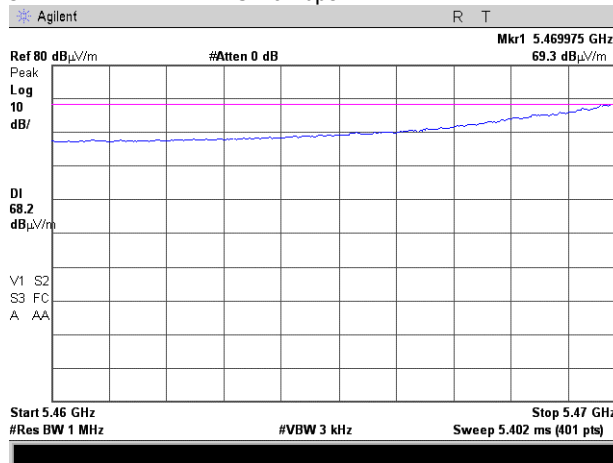


The field strength determined by delta method is equal to 69.98 dB $\mu$ V/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

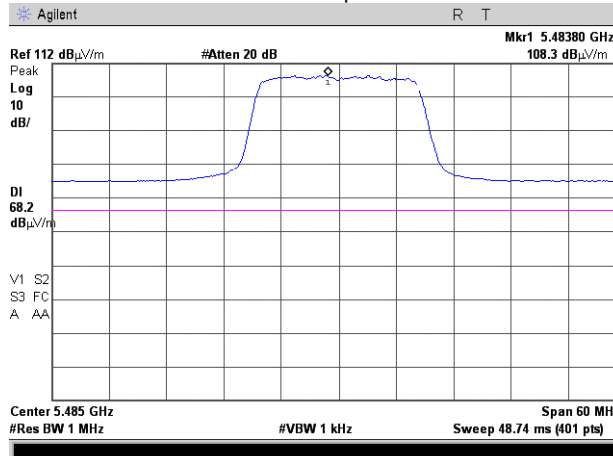
Plot 7.3.67 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6Mbps



Plot 7.3.68 Radiated emission measurements at the low carrier frequency (5485MHz)

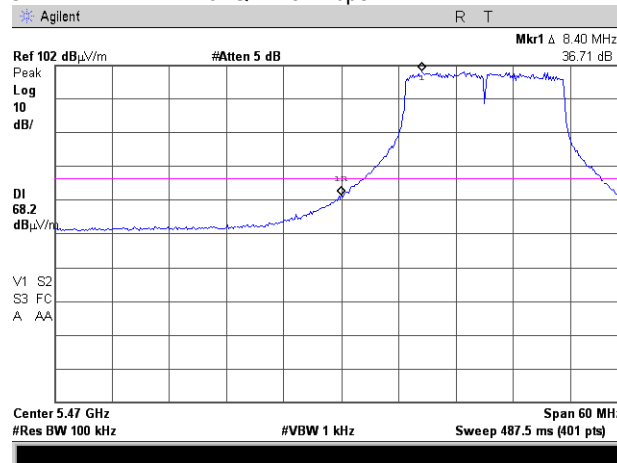
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.69 Radiated emission measurements at the band edges at the low carrier frequency (5485MHz)**

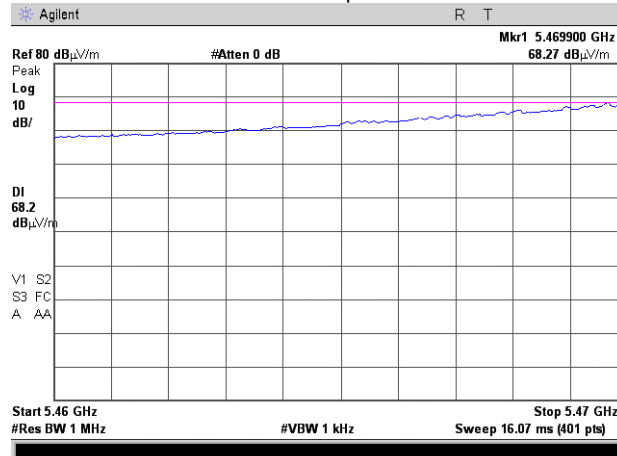
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps



The field strength determined by delta method is equal to 71.59 dB $\mu$ V/m

**Plot 7.3.70 Radiated emission measurements from 5.46 to 5.47 GHz at the low carrier frequency (5485MHz)**

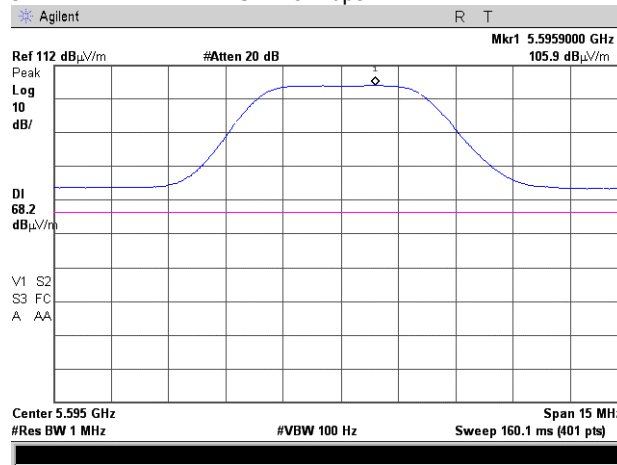
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

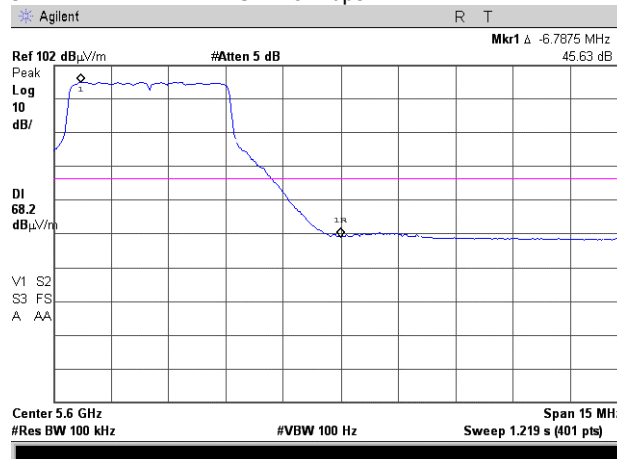
**Plot 7.3.71 Radiated emission measurements at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.72 Radiated emission measurements at the band edges at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps

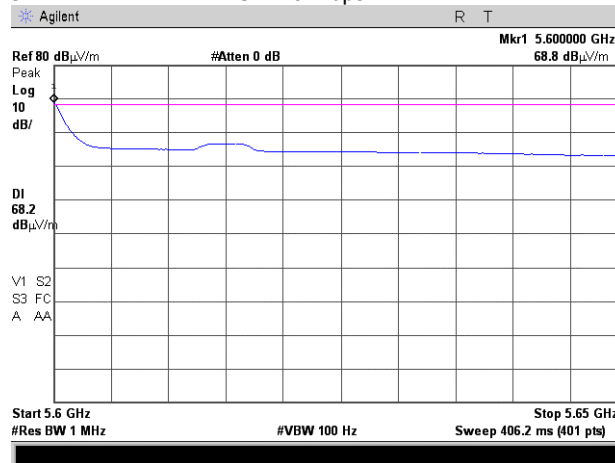


The field strength determined by delta method is equal to 60.27 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

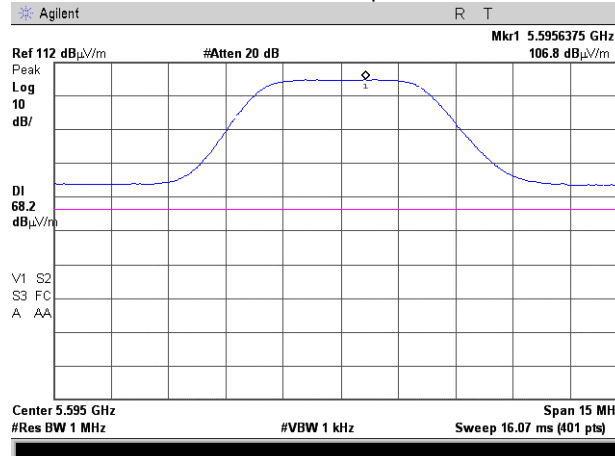
**Plot 7.3.73 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.74 Radiated emission measurements at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps

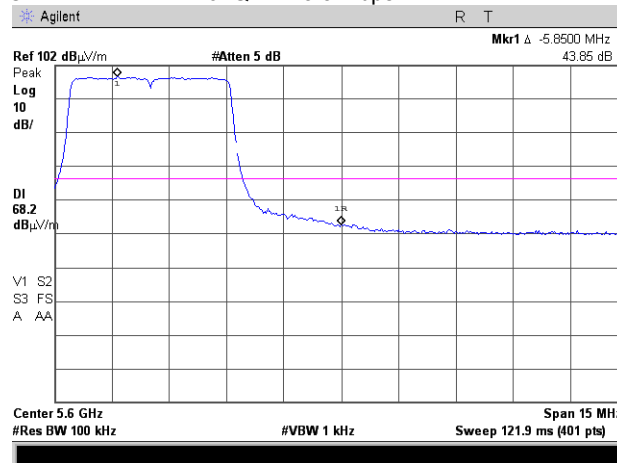




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.75 Radiated emission measurements at the band edges at the mid carrier frequency (5595MHz)**

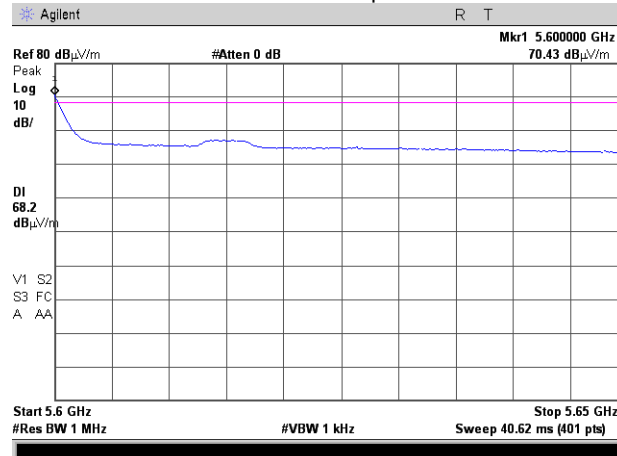
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 62.95 dBµV/m

**Plot 7.3.76 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5595MHz)**

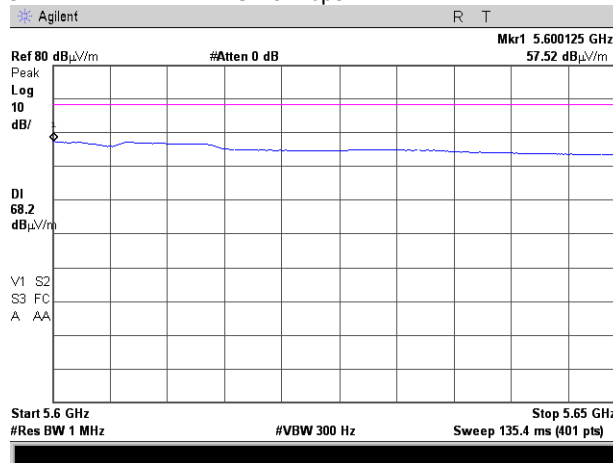
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

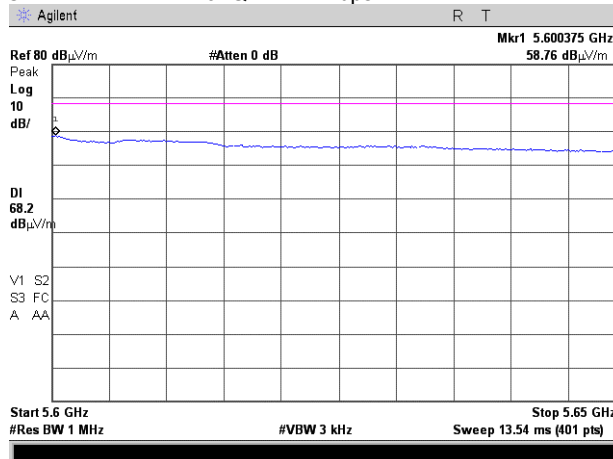
**Plot 7.3.77 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5590MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: BPSK 3 Mbps



**Plot 7.3.78 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5590MHz)**

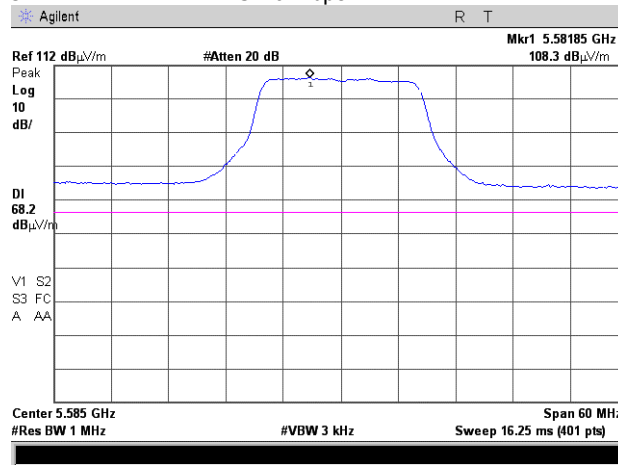
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: 64QAM 27 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

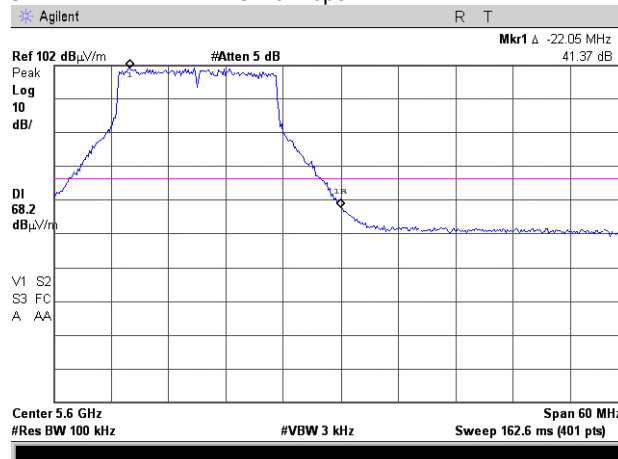
**Plot 7.3.79 Radiated emission measurements at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.80 Radiated emission measurements at the band edges at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps

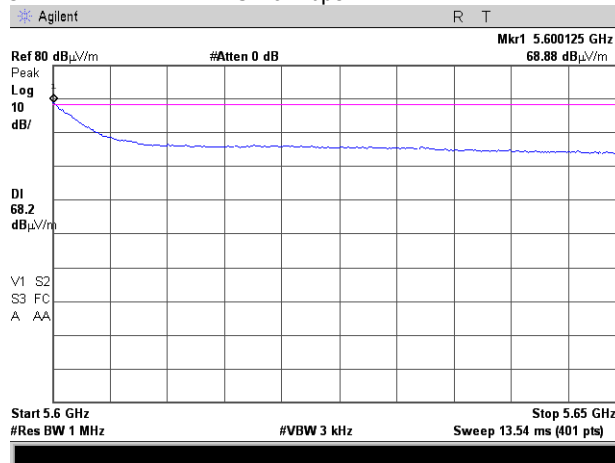


The field strength determined by delta method is equal to 66.93 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.81 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.82 Radiated emission measurements at the mid carrier frequency (5585MHz)**

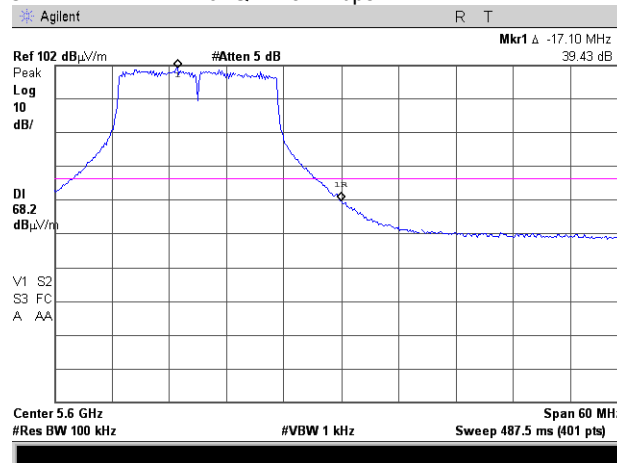
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.83 Radiated emission measurements at the band edges at the mid carrier frequency (5585MHz)**

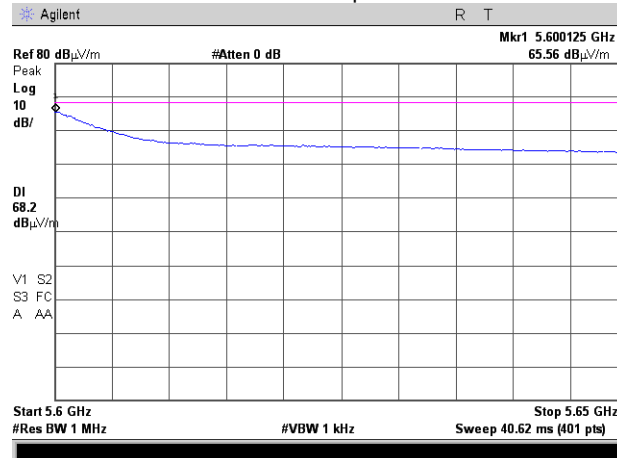
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 68.87 dBµV/m

**Plot 7.3.84 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5585MHz)**

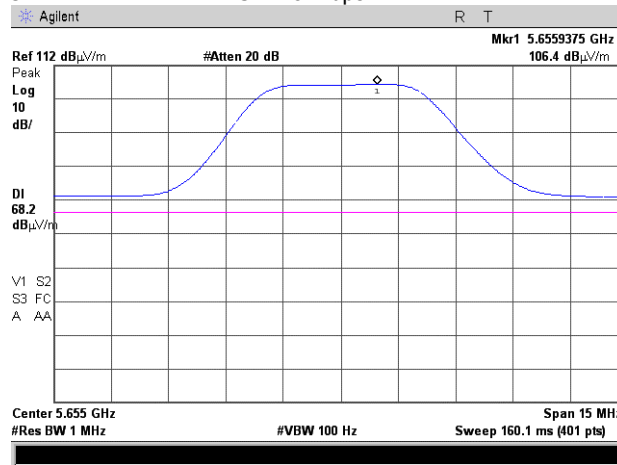
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

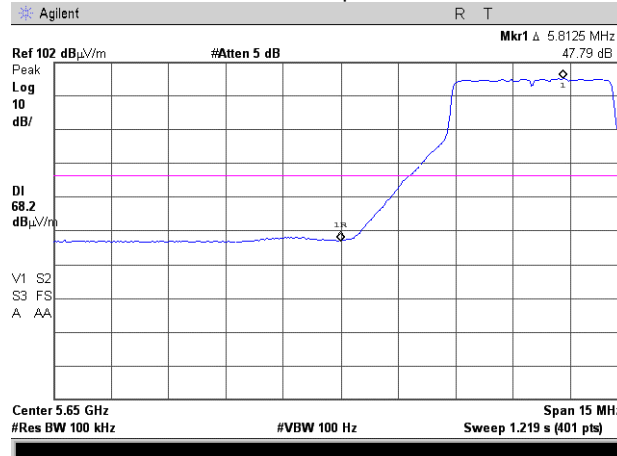
**Plot 7.3.85 Radiated emission measurements at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.86 Radiated emission measurements at the band edges at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps

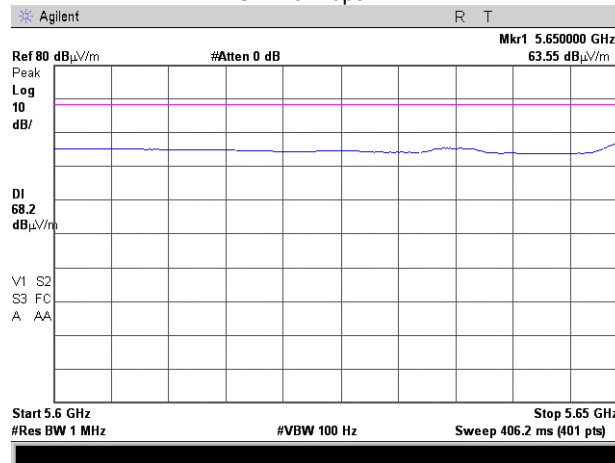


The field strength determined by delta method is equal to 58.61 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

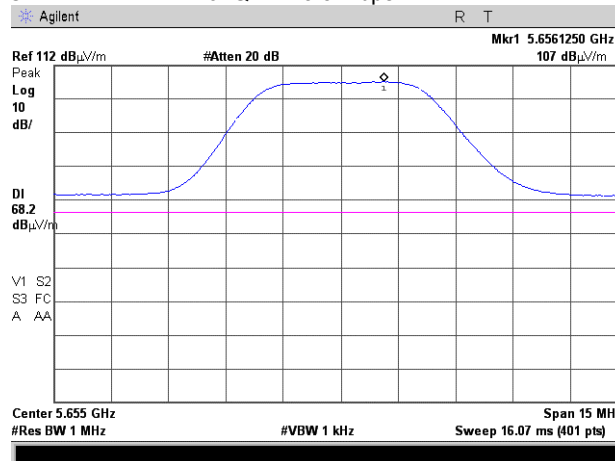
**Plot 7.3.87 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.88 Radiated emission measurements at the mid carrier frequency (5655MHz)**

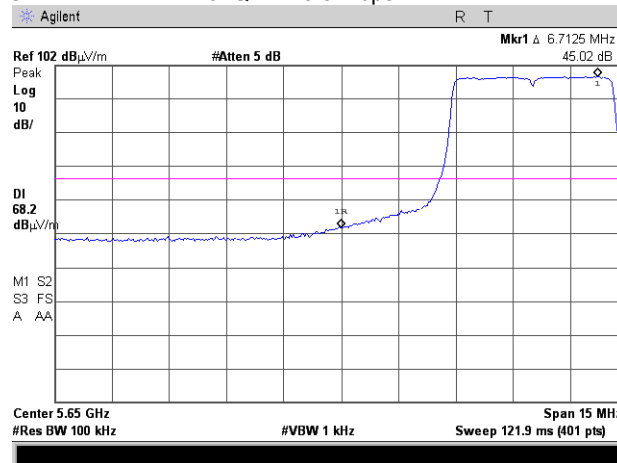
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.89 Radiated emission measurements at the band edges at the mid carrier frequency (5655MHz)**

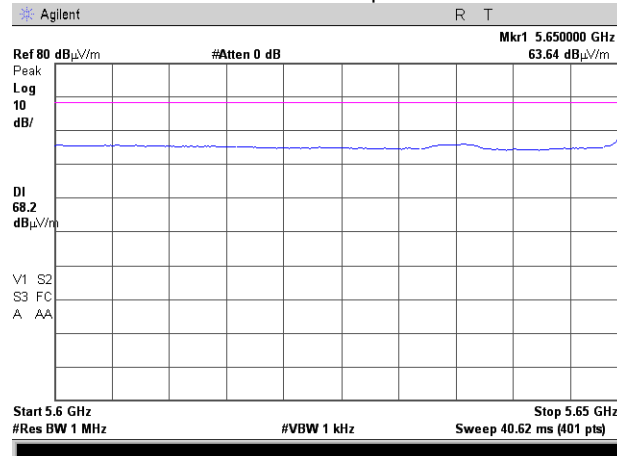
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 61.98 dB $\mu$ V/m

**Plot 7.3.90 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: 64QAM 13.5 Mbps

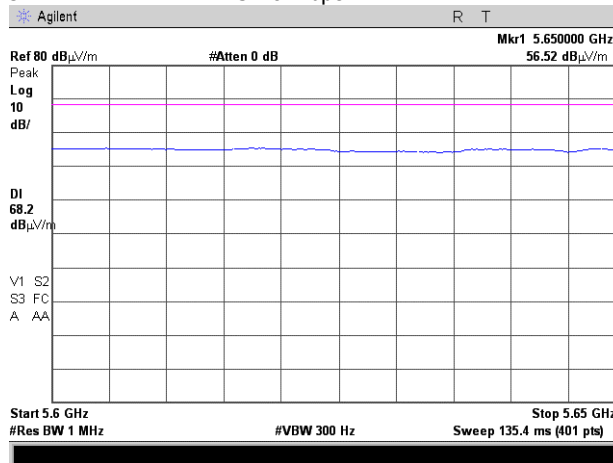




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

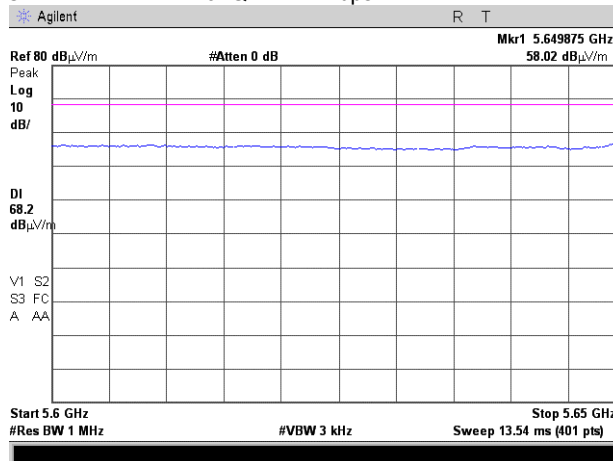
**Plot 7.3.91 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: BPSK 3 Mbps



**Plot 7.3.92 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5660MHz)**

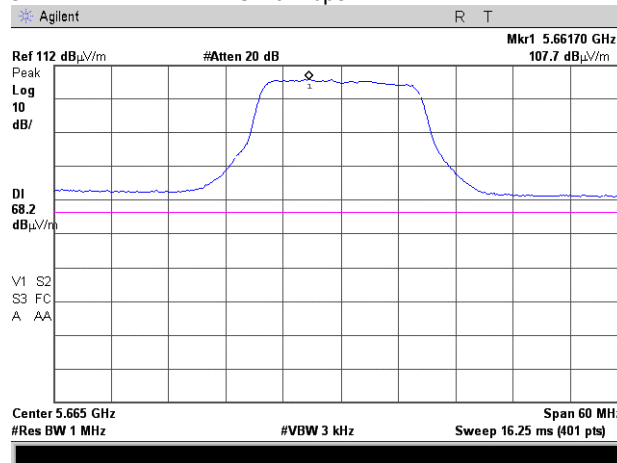
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10MHz  
 MODULATION: 64QAM 27 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

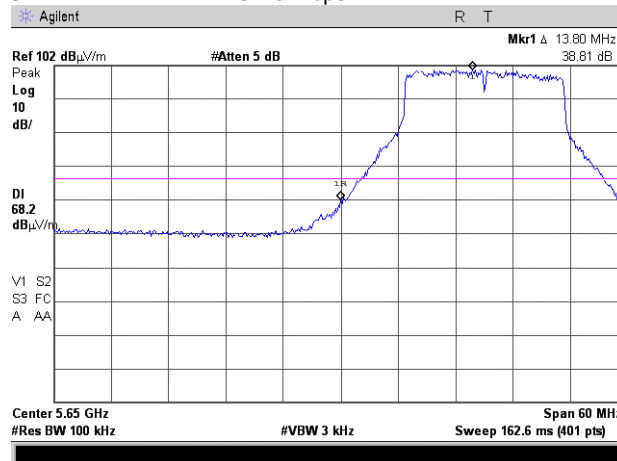
**Plot 7.3.93 Radiated emission measurements at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.94 Radiated emission measurements at the band edges at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps

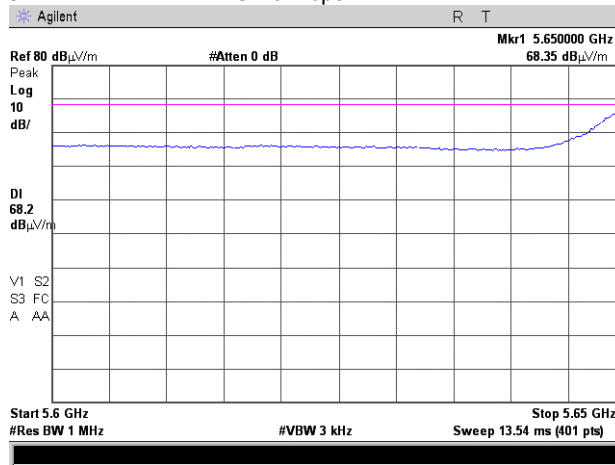


The field strength determined by delta method is equal to 68.89 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

Plot 7.3.95 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: BPSK 6 Mbps



Plot 7.3.96 Radiated emission measurements at the mid carrier frequency (5665MHz)

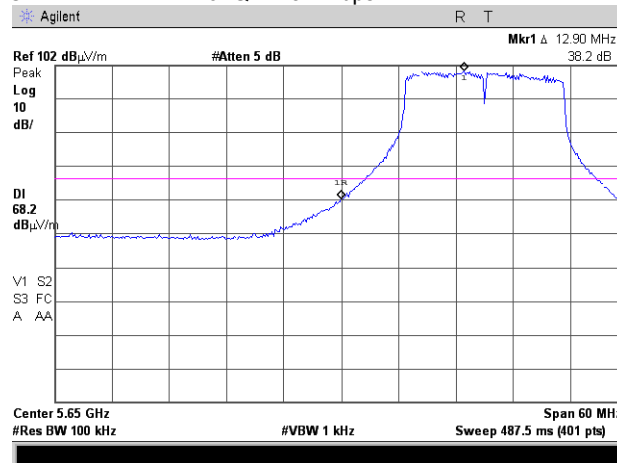
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3</b>	
		<b>Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.97 Radiated emission measurements at the band edges at the mid carrier frequency (5665MHz)**

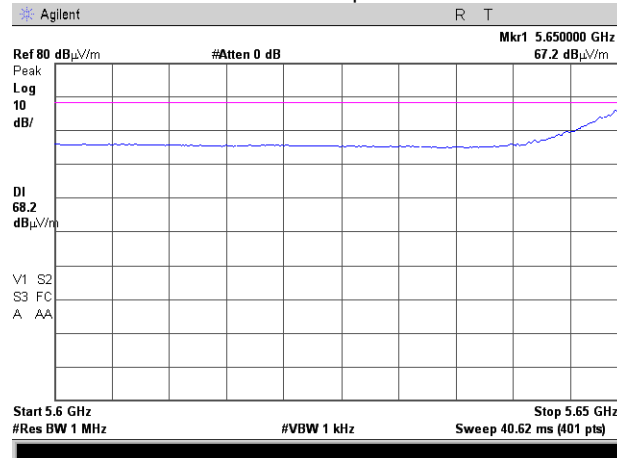
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 69.6 dBμV/m

**Plot 7.3.98 Radiated emission measurements from 5.6 to 5.65 GHz at the mid carrier frequency (5665MHz)**

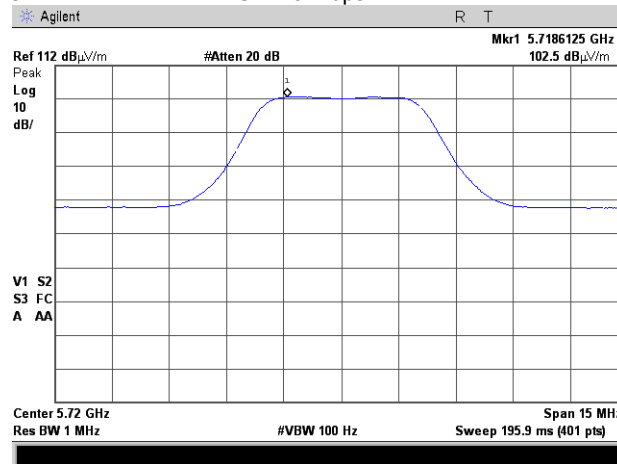
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

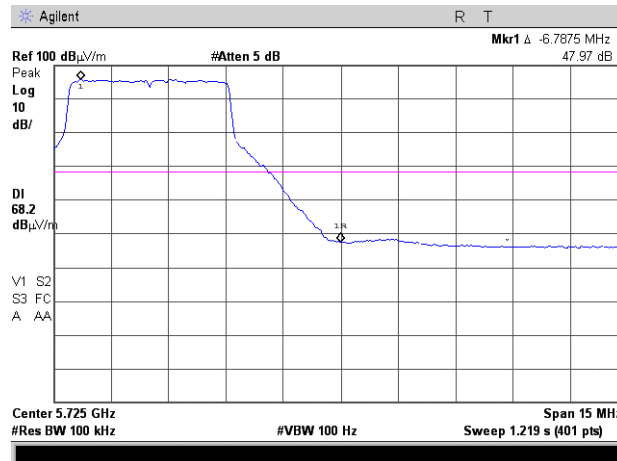
**Plot 7.3.99 Radiated emission measurements high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



**Plot 7.3.100 Radiated emission measurements band edges at the high carrier frequency (5720MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps

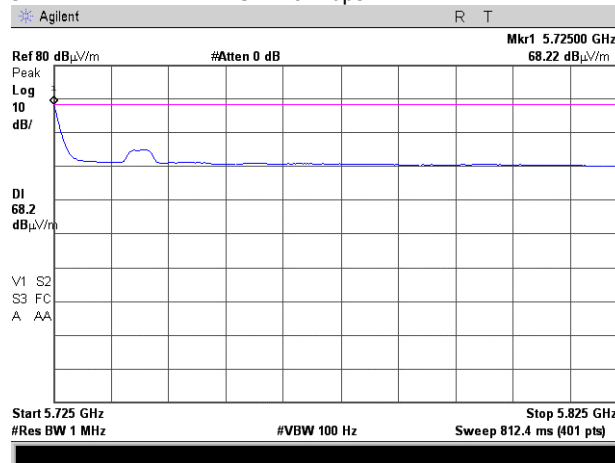


The field strength determined by delta method is equal to 54.53 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

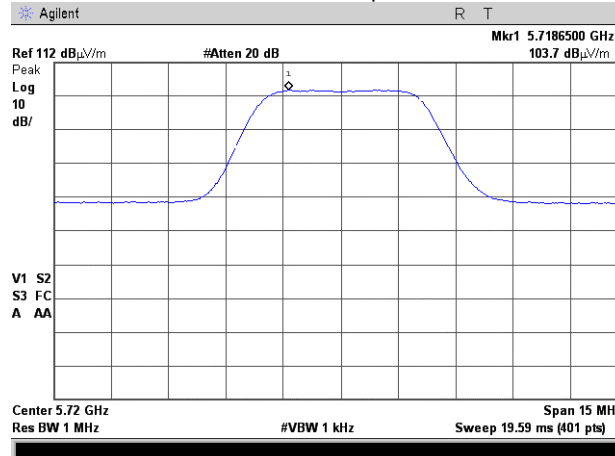
Plot 7.3.101 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: BPSK 1.5 Mbps



Plot 7.3.102 Radiated emission at the high carrier frequency (5720MHz)

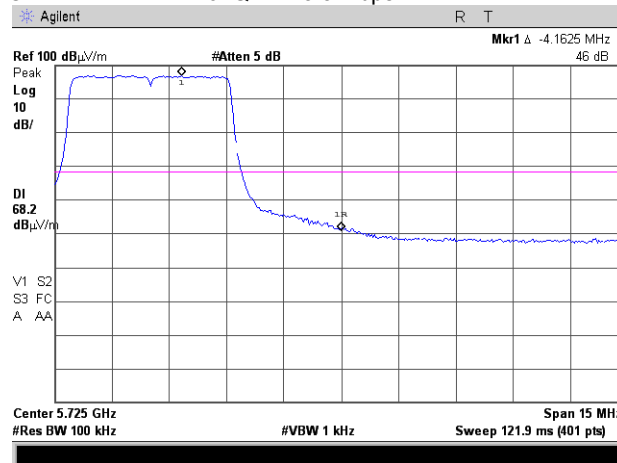
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b> Public notice DA02-2138			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 7/16/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

**Plot 7.3.103 Radiated emission measurements at band edges at the high carrier frequency (5720MHz)**

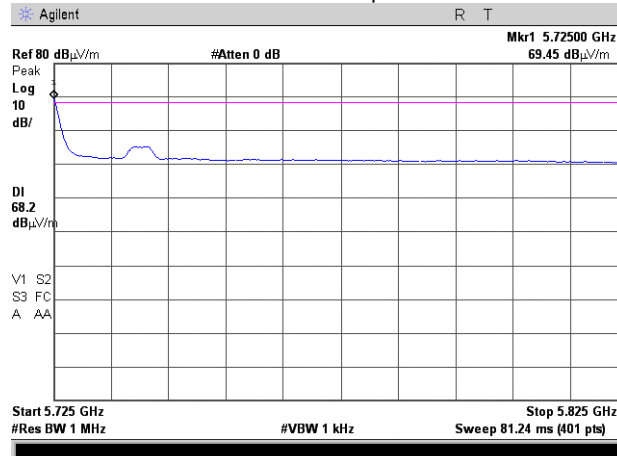
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



The field strength determined by delta method is equal to 57.70 dBμV/m

**Plot 7.3.104 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)**

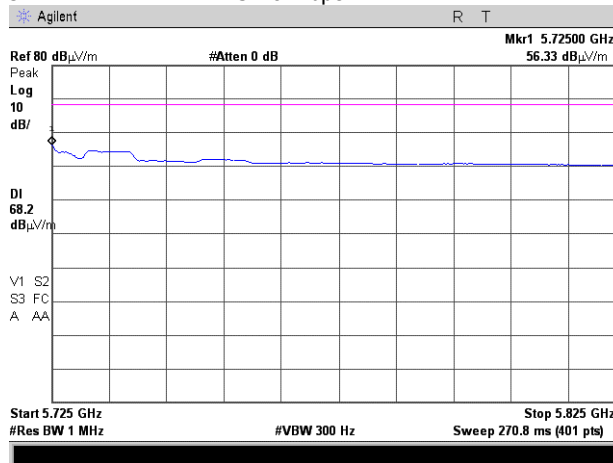
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz  
 MODULATION: 64QAM 13.5 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

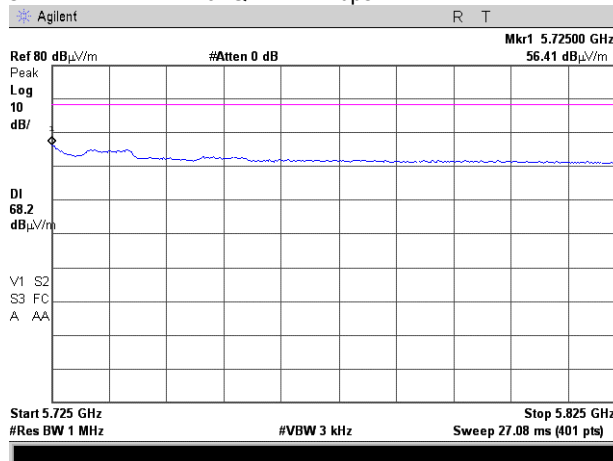
Plot 7.3.105 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.3.106 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz  
 MODULATION: 64QAM 27 Mbps

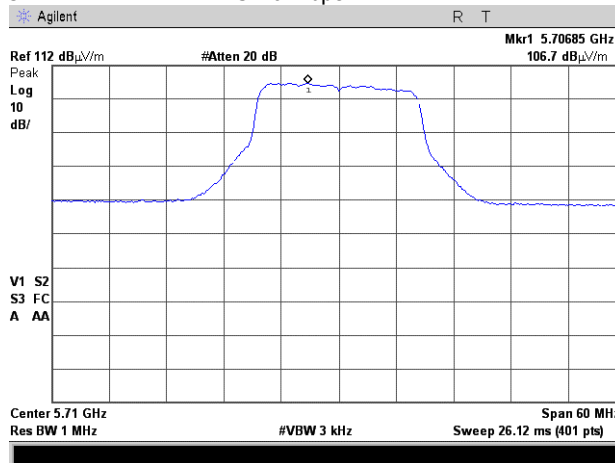




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

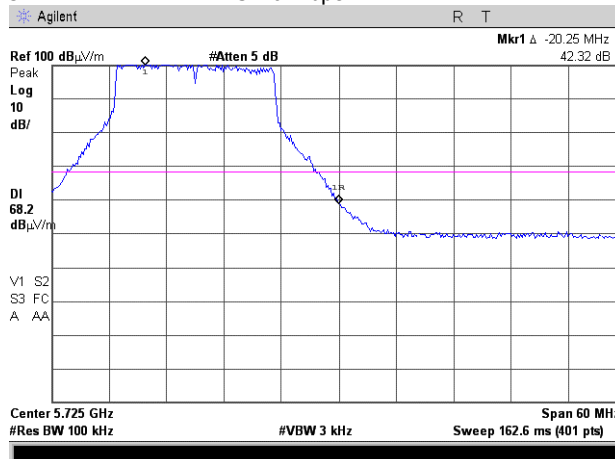
**Plot 7.3.107 Radiated emission measurements at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



**Plot 7.3.108 Radiated emission measurements at band edges at the high carrier frequency (5710MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps

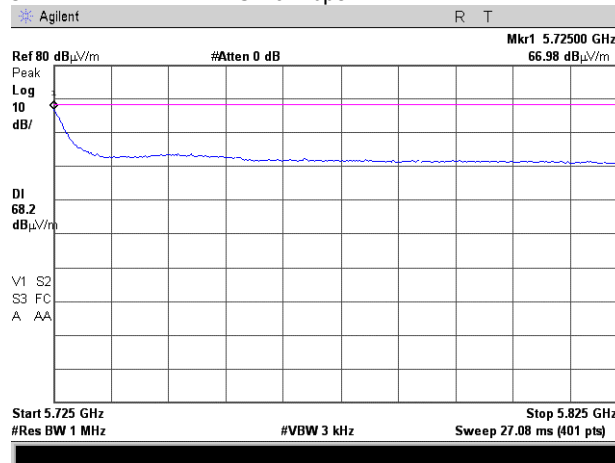


The field strength determined by delta method is equal to 64.38 dBµV/m

<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

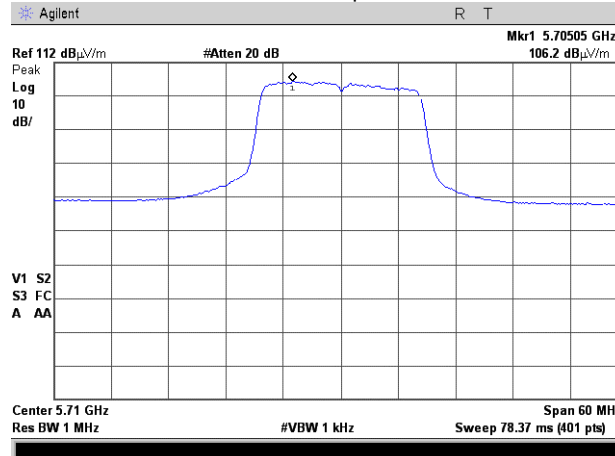
Plot 7.3.109 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



Plot 7.3.110 Radiated emission measurements at the high carrier frequency (5710MHz)

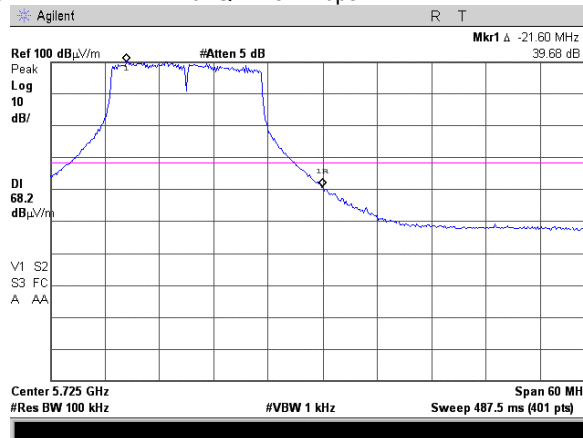
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Out of band undesirable emissions</b>	
<b>Test procedure:</b>		Public notice DA02-2138	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	7/16/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1012 hPa	<b>Relative Humidity:</b> 48 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with external antenna			

Plot 7.3.111 Radiated emission measurements band edges at the high carrier frequency (5710MHz)

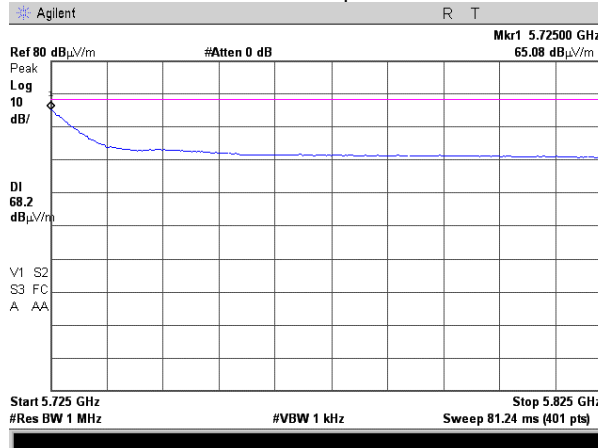
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: 64QAM 54 Mbps



The field strength determined by delta method is equal to 66.52 dBμV/m

Plot 7.3.112 Radiated emission measurements from 5.725 to 5.825 GHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: 64QAM 54 Mbps





<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

## 7.4 Field strength of spurious emissions

### 7.4.1 General

This test was performed to measure field strength of spurious emissions from the EUT. Specification test limits are given in Table 7.4.1.

**Table 7.4.1 Radiated spurious emissions limits below 1 GHz and within restricted bands above 1 GHz**

Frequency, MHz	Field strength at 3 m, dB(μV/m)***		
	Peak	Quasi Peak	Average
0.009 – 0.490*	NA	128.5 – 93.8**	NA
0.490 – 1.705*		73.8 – 63.0**	
1.705 – 30.0*		69.5**	
30 – 88		40.0	
88 – 216		43.5	
216 – 960		46.0	
960 - 1000		54.0	
Above 1000		74.0	

\*- The limit for 3 m test distance was calculated using the inverse square distance extrapolation factor as follows:  

$$\text{LimS2} = \text{LimS1} + 40 \log(S1/S2),$$

where S1 and S2 – standard defined and test distance respectively in meters.

\*\* - The limit decreases linearly with the logarithm of frequency.

\*\*\* - The field strength limits applied from the lowest radio frequency generated in the device, without going below 9 kHz up to the tenth harmonic of the highest fundamental frequency.

**Table 7.4.2 EIRP of undesirable emissions limits outside restricted bands (above 1 GHz)**

Frequency band, GHz	Out of band EIRP, dBm/MHz	Field strength at 3 m, dB(μV/m)
5.47 – 5.725	-27	68.23

### 7.4.2 Test procedure for spurious emission field strength measurements in 9 kHz to 30 MHz band

7.4.2.1 The EUT was set up as shown in Figure 7.4.1, energized and the performance check was conducted.

7.4.2.2 The specified frequency range was investigated with antenna connected to spectrum analyzer/ EMI receiver. To find maximum radiation the turntable was rotated 360° and the measuring antenna was rotated around its vertical axis.

7.4.2.3 The worst test results (the lowest margins) were recorded and shown in the associated plots.

### 7.4.3 Test procedure for spurious emission field strength measurements above 30 MHz

7.4.3.1 The EUT was set up as shown in Figure 7.4.2, energized and the performance check was conducted.

7.4.3.2 The specified frequency range was investigated with antenna connected to spectrum analyzer/ EMI receiver. To find maximum radiation the turntable was rotated 360°, the measuring antenna height was changed from 1 to 4 m, its polarization was switched from vertical to horizontal.

7.4.3.3 The worst test results (the lowest margins) were recorded and shown in the associated plots.

<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

Figure 7.4.1 Setup for spurious emission field strength measurements below 30 MHz

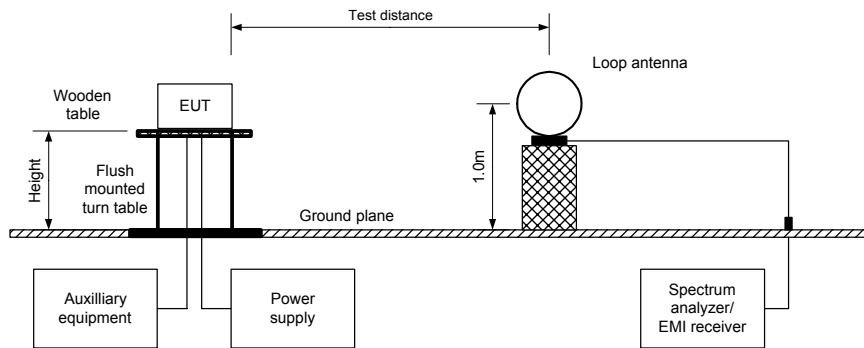
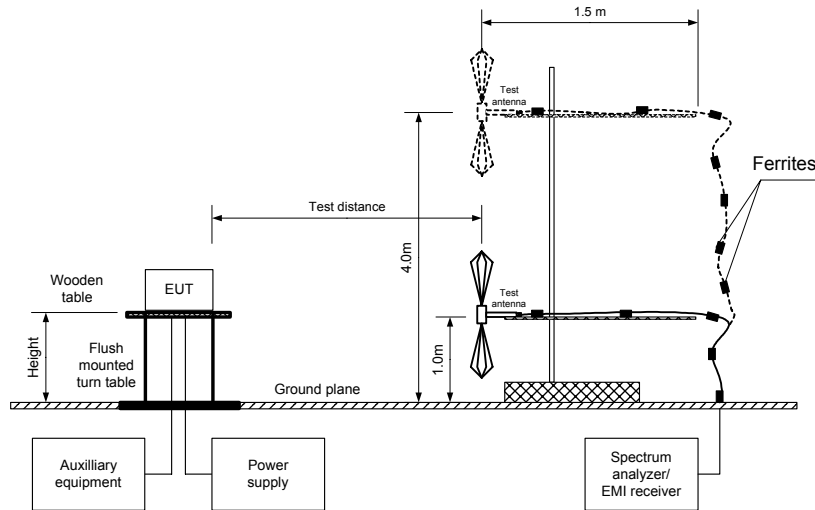


Figure 7.4.2 Setup for spurious emission field strength measurements above 30 MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

**Table 7.4.3 Field strength of spurious emissions below 1 GHz**

ASSIGNED FREQUENCY: 5470 - 5725 MHz  
 INVESTIGATED FREQUENCY RANGE: 0.009 – 1000 MHz  
 TEST DISTANCE: 3 m  
 MODULATION: BPSK  
 MODULATING SIGNAL: PRBS  
 BIT RATE: 1.5Mbps at 5 MHz EBW  
 3 Mbps at 10 MHz EBW  
 6 Mbps at 20 MHz EBW  
 DUTY CYCLE: 100 %  
 TRANSMITTER OUTPUT POWER SETTINGS: "2 dBm" at 5 MHz channel bandwidth  
 "5 dBm" at 10 MHz channel bandwidth  
 "8 dBm" at 20 MHz channel bandwidth  
 RESOLUTION BANDWIDTH: 0.2 kHz (9 kHz – 150 kHz)  
 9.0 kHz (150 kHz – 30 MHz)  
 120 kHz (30 MHz – 1000 MHz)  
 VIDEO BANDWIDTH: > Resolution bandwidth  
 TEST ANTENNA TYPE: Active loop (9 kHz – 30 MHz)  
 Biconilog (30 MHz – 1000 MHz)

Frequency, MHz		Peak, dB(μV/m)	Quasi-peak			Antenna polarization	Antenna height, m	Turn-table position**, degrees	Verdict
Channel	Spurious		Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*				
<b>5 MHz channel bandwidth</b>									
5475	67.075	25.23	24.15	40.00	-15.85	Vertical	2.2	45	
5595	67.240	26.70	25.51	40.00	-14.49	Vertical	2.2	45	
5655	67.275	26.89	26.01	40.00	-13.99	Vertical	2.2	45	
5720	67.130	27.38	26.36	40.00	-13.64	Vertical	2.2	45	
<b>10 MHz channel bandwidth</b>									
5480	67.100	25.31	24.76	40.00	-15.24	Vertical	2.2	45	
5590	67.240	26.94	25.97	40.00	-14.03	Vertical	2.2	45	
5660	67.313	26.95	26.45	40.00	-13.55	Vertical	2.2	45	
5715	67.346	27.30	26.09	40.00	-13.91	Vertical	2.2	45	
<b>20 MHz channel bandwidth</b>									
5485	67.225	27.33	26.19	40.00	-13.81	Vertical	2.2	45	
5585	67.275	27.08	26.17	40.00	-13.83	Vertical	2.2	45	
5665	67.365	28.03	26.84	40.00	-13.16	Vertical	2.2	45	
5710	67.118	27.48	26.42	40.00	-13.58	Vertical	2.2	45	

\*- Margin = Measured emission - specification limit.  
 \*\*- EUT front panel refer to 0 degrees position of turntable.

**Reference numbers of test equipment used**

HL 0446	HL 0521	HL 0589	HL 0604	HL 1425	HL 1556	HL 1947	HL 1984
HL 2009	HL 2909						

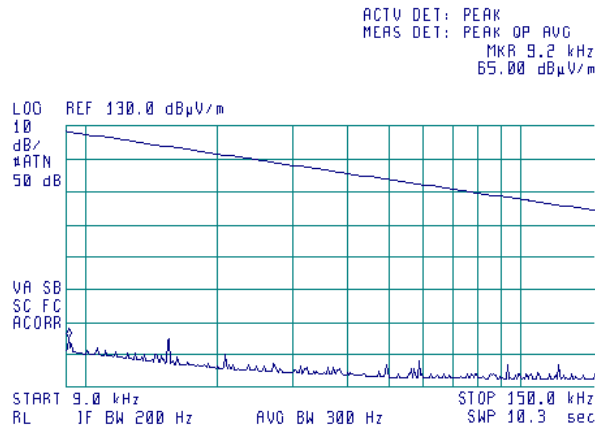
Full description is given in Appendix A.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

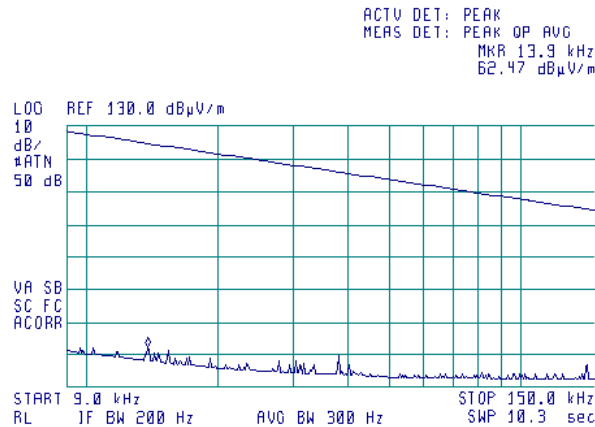
Plot 7.4.1 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



Plot 7.4.2 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz

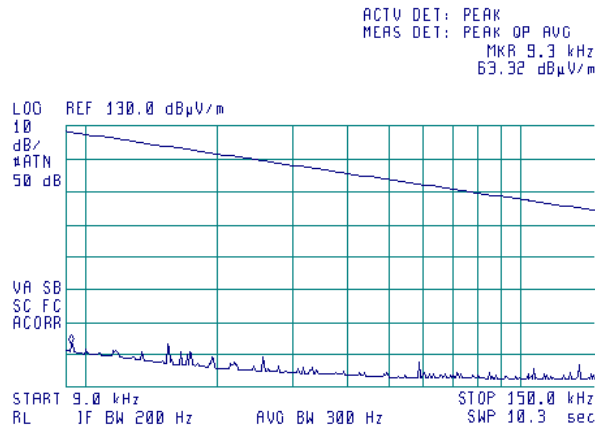




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

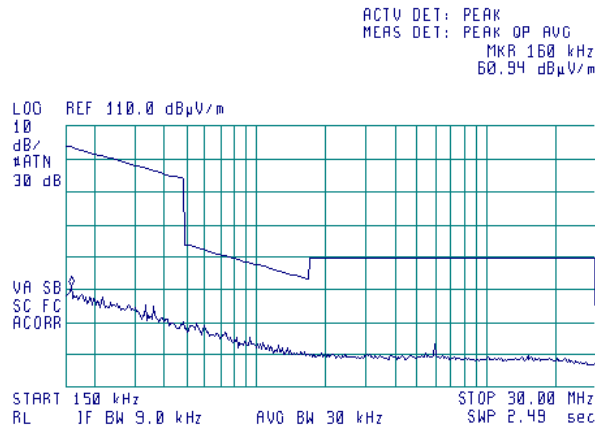
Plot 7.4.3 Radiated emission measurements from 9 to 150 kHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Plot 7.4.4 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



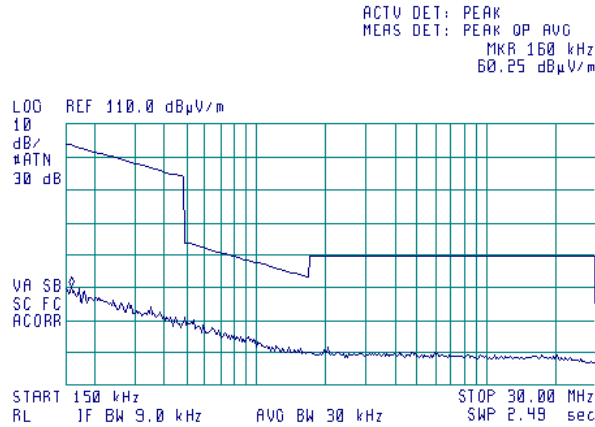




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

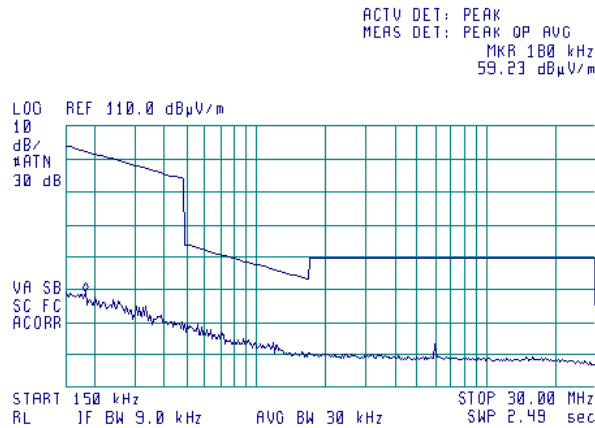
Plot 7.4.5 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.6 Radiated emission measurements from 0.15 to 30 MHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

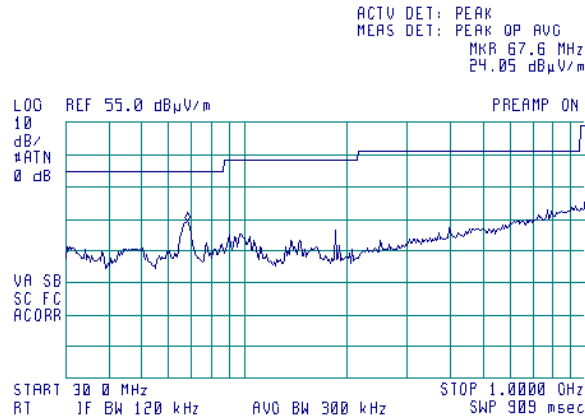




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

Plot 7.4.7 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5475MHz)

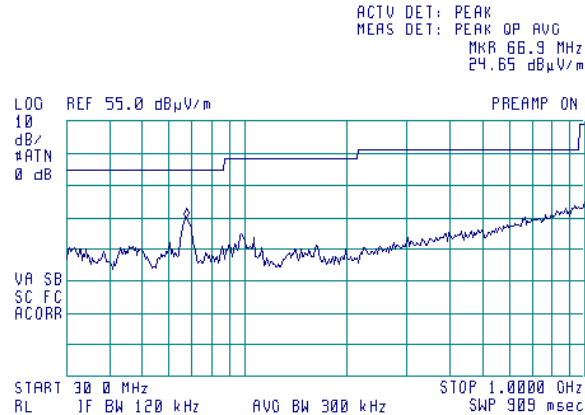
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Note: all spurious are from digital part of EUT

Plot 7.4.8 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



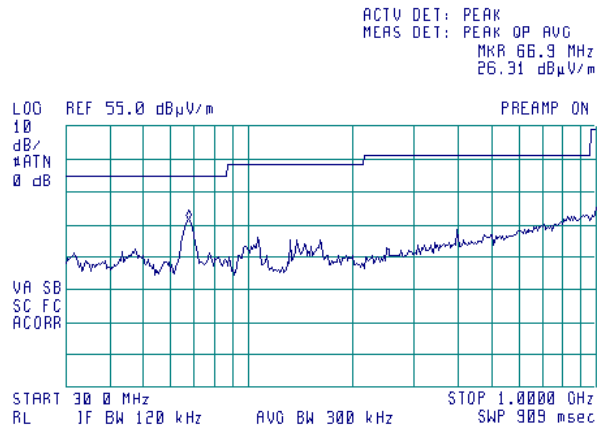
Note: all spurious are from digital part of EUT



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

**Plot 7.4.9 Radiated emission measurements from 30 to 1000 MHz at the low carrier frequency (5485MHz)**

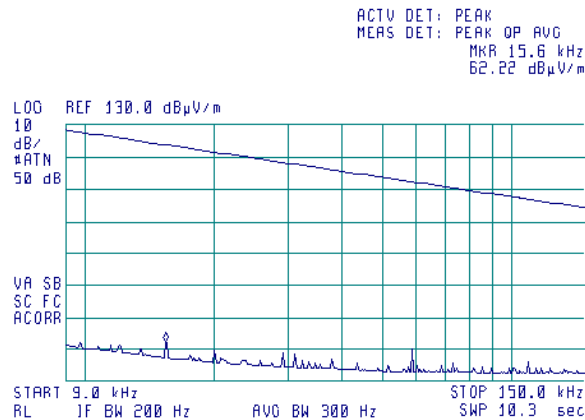
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Note: all spurious are from digital part of EUT.

**Plot 7.4.10 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz

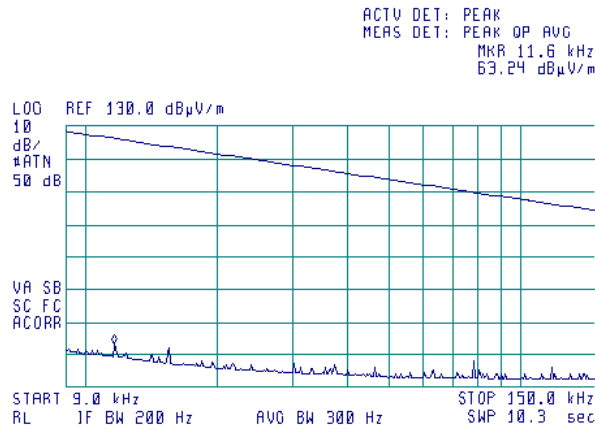




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

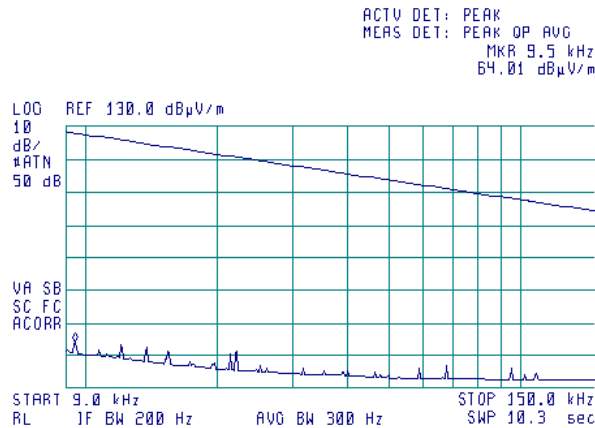
**Plot 7.4.11 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5590MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



**Plot 7.4.12 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

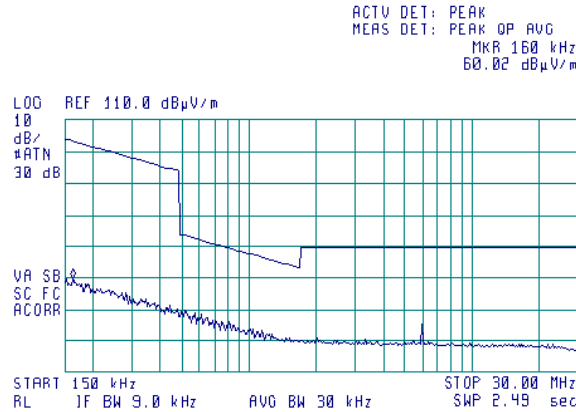




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

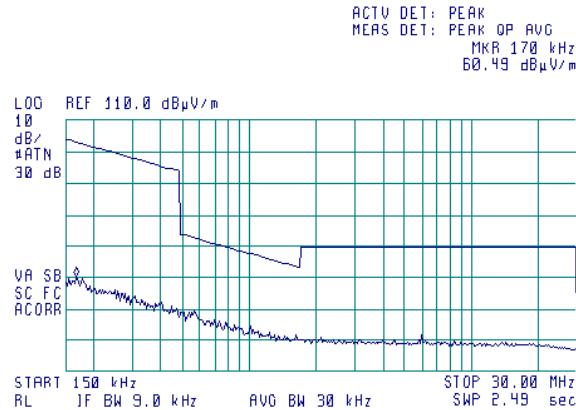
Plot 7.4.13 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.14 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz

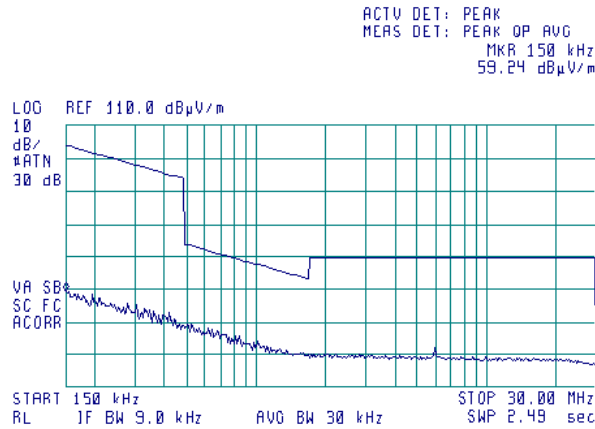




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

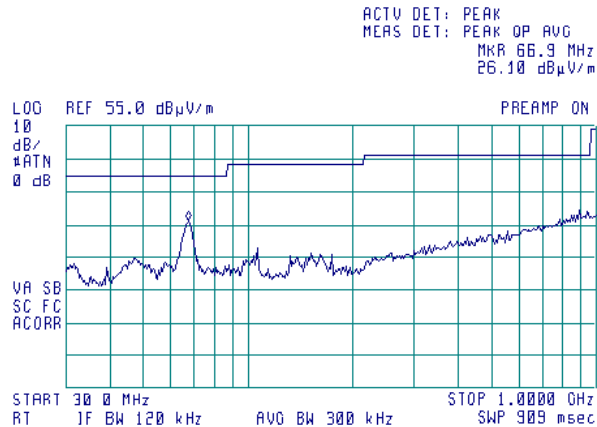
Plot 7.4.15 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Plot 7.4.16 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



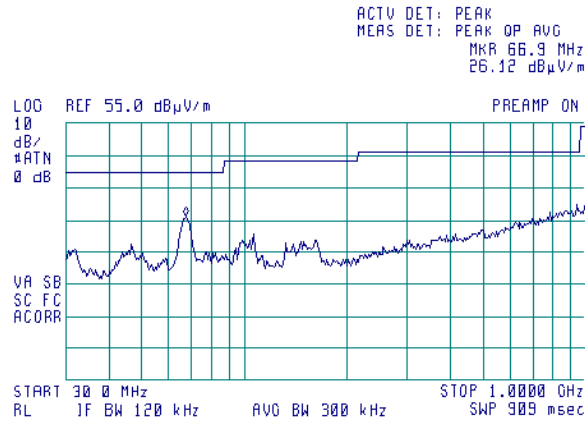
Note: all spurious are from digital part of EUT.



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

**Plot 7.4.17 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5590MHz)**

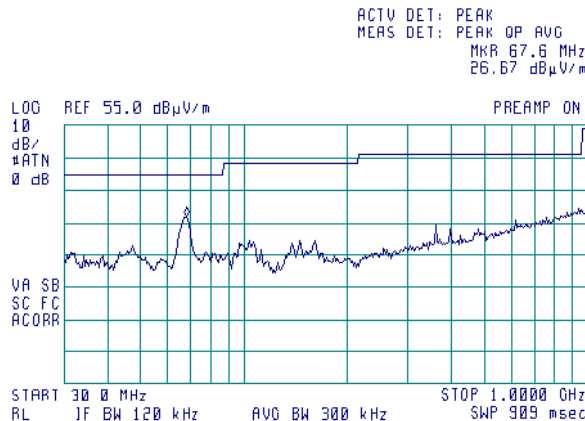
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Note: all spurious are from digital part of EUT.

**Plot 7.4.18 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



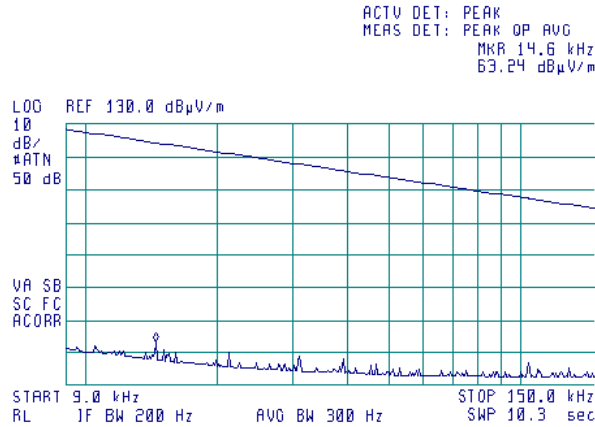
Note: all spurious are from digital part of EUT



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

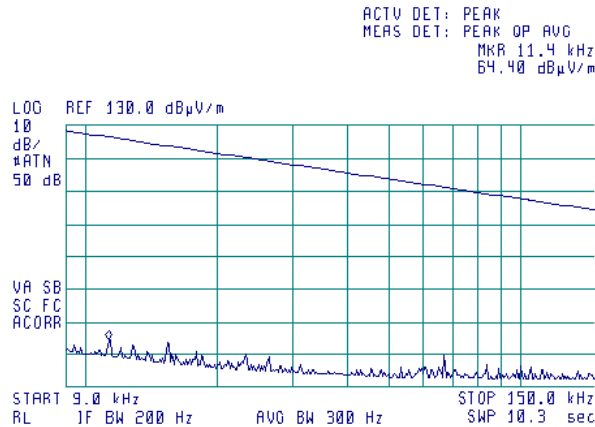
**Plot 7.4.19 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5655MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



**Plot 7.4.20 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



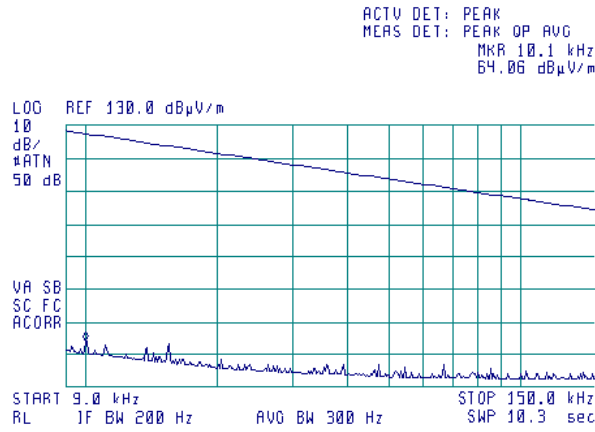




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

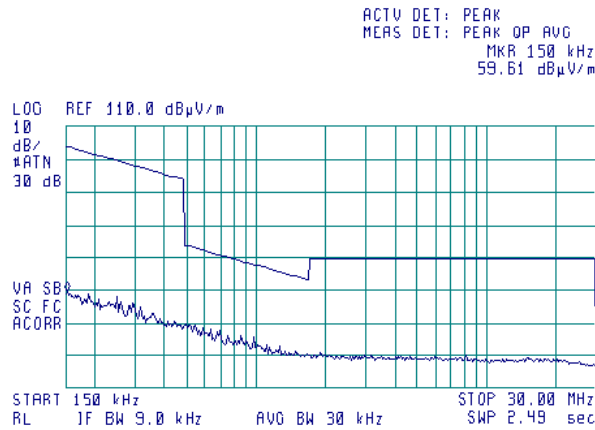
Plot 7.4.21 Radiated emission measurements from 9 to 150 kHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Plot 7.4.22 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5665MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz

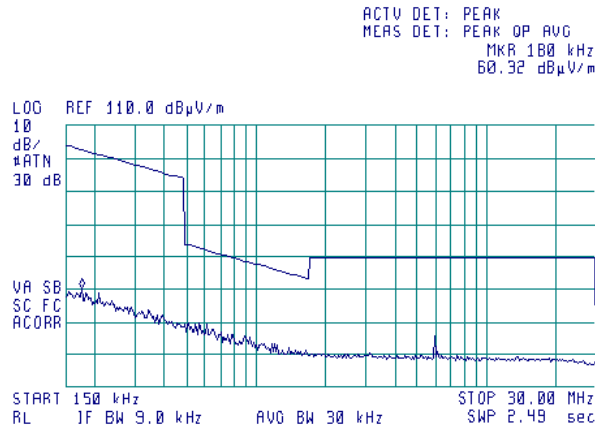




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

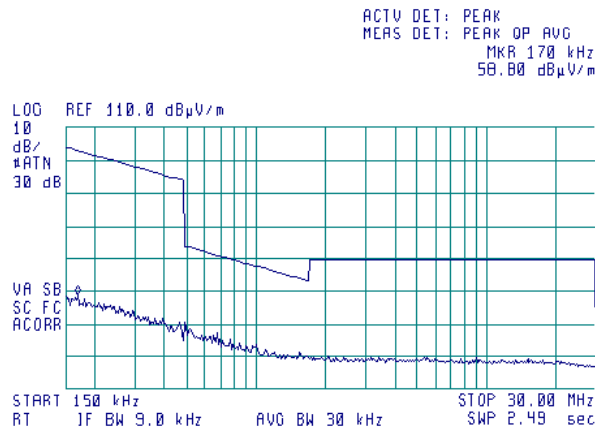
**Plot 7.4.23 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5660MHz)**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



**Plot 7.4.24 Radiated emission measurements from 0.15 to 30 MHz at the mid carrier frequency (5665MHz)**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz

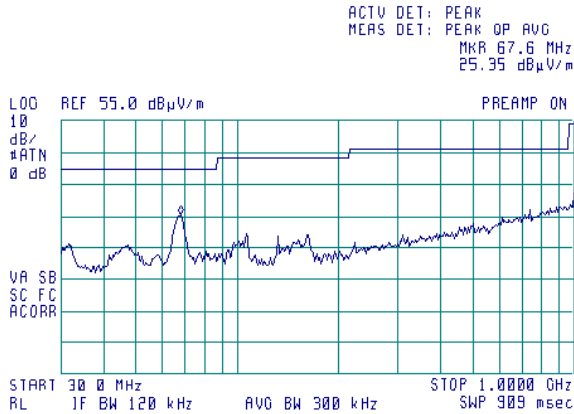




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

Plot 7.4.25 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5655MHz) IC only

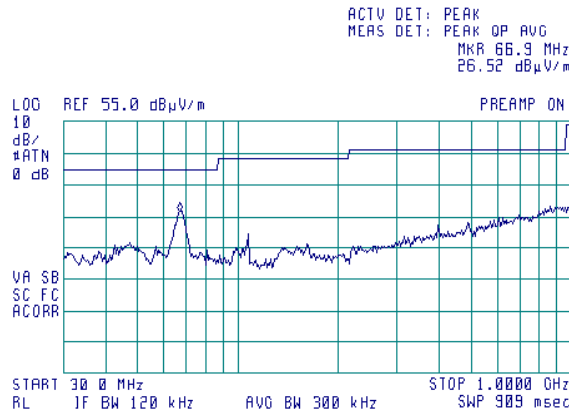
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



Note: all spurious from digital part of EUT

Plot 7.4.26 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5660MHz) IC only

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



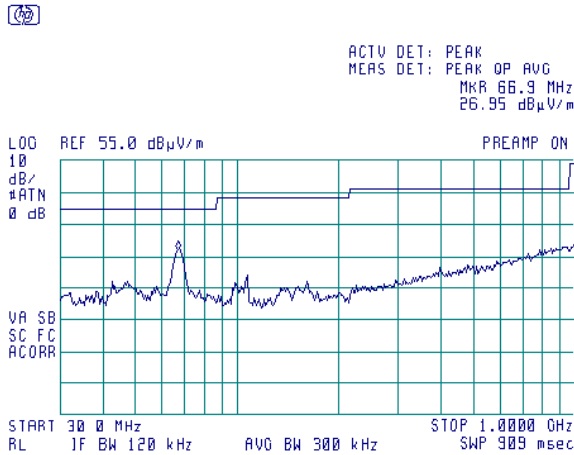
Note: all spurious from digital part of EUT



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

Plot 7.4.27 Radiated emission measurements from 30 to 1000 MHz at the mid carrier frequency (5665MHz) IC only

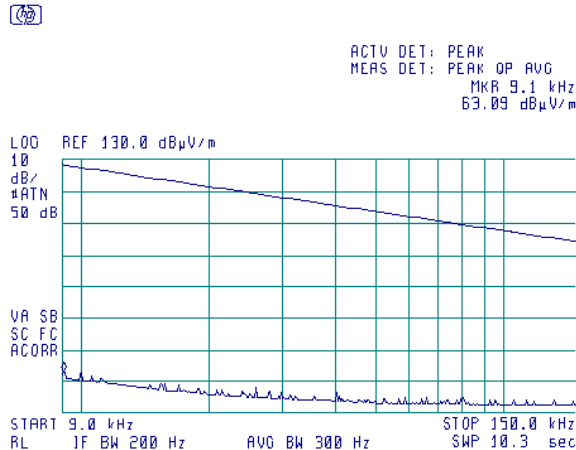
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



Note: all spurious from digital part of EUT

Plot 7.4.28 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz

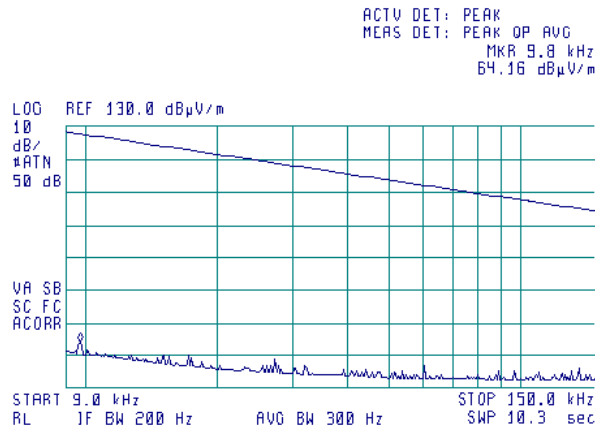




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

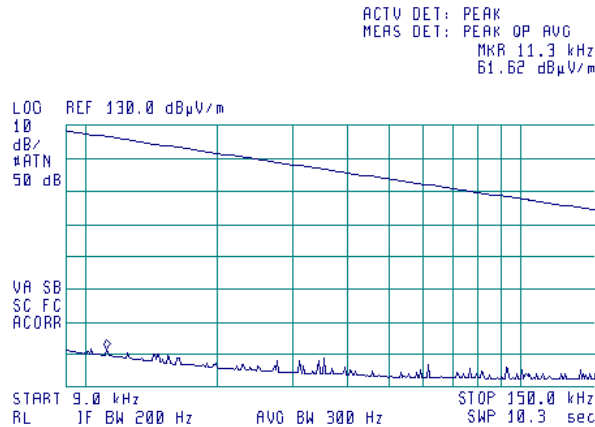
Plot 7.4.29 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 10MHz



Plot 7.4.30 Radiated emission measurements from 9 to 150 kHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz

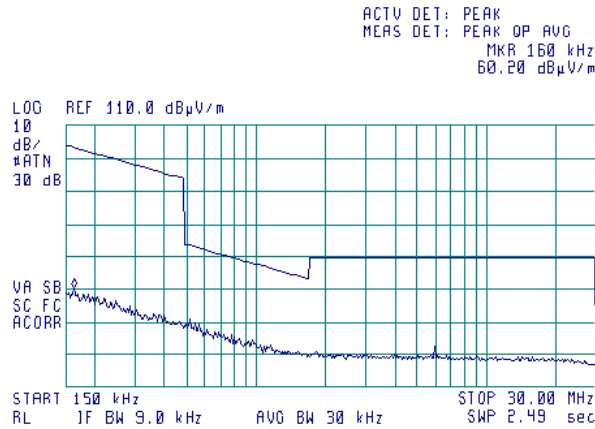




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

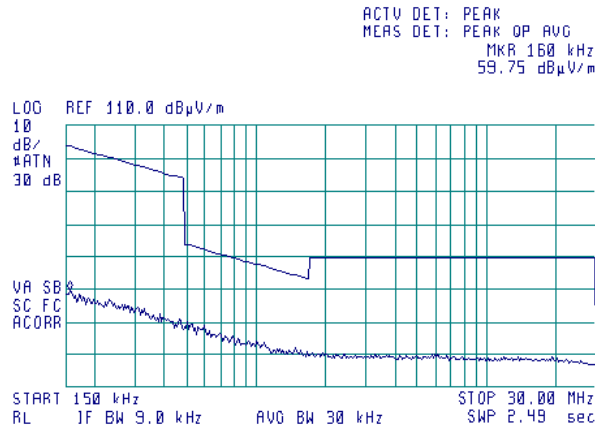
Plot 7.4.31 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 5MHz



Plot 7.4.32 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5715MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz

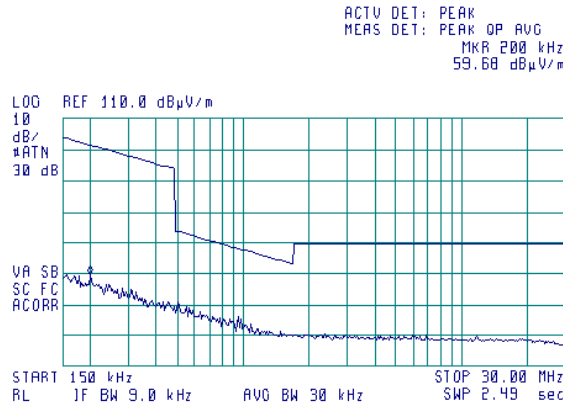




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

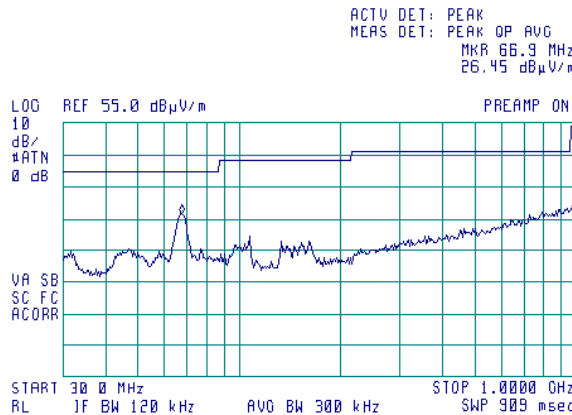
Plot 7.4.33 Radiated emission measurements from 0.15 to 30 MHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 20MHz



Plot 7.4.34 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5720MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 MODULATION: OFDM BPSK  
 EBW: 5MHz



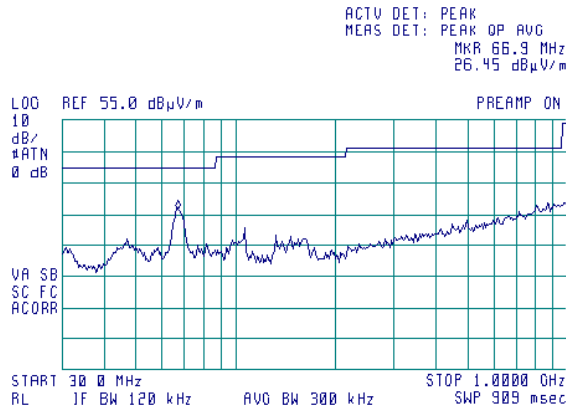
Note: all spurious from digital part of EUT.



<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements below 1 GHz			

Plot 7.4.35 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5715MHz)

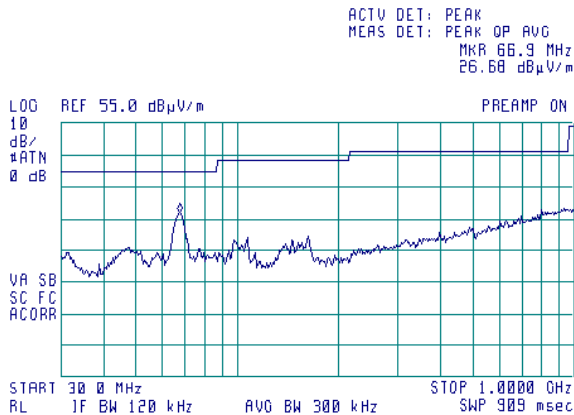
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 10MHz



Note: all spurious from digital part of EUT

Plot 7.4.36 Radiated emission measurements from 30 to 1000 MHz at the high carrier frequency (5710MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
MODULATION: OFDM BPSK  
EBW: 20MHz



Note: all spurious from digital part of EUT





<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Table 7.4.4 Field strength of spurious emissions within restricted bands

ASSIGNED FREQUENCY: 5470 - 5725 MHz  
 INVESTIGATED FREQUENCY RANGE: 0.009 – 1000 MHz  
 TEST DISTANCE: 3 m  
 MODULATION: OFDM BPSK  
 MODULATING SIGNAL: PRBS  
 BIT RATE: 1.5Mbps at 5 MHz EBW  
 3 Mbps at 10 MHz EBW  
 6 Mbps at 20 MHz EBW  
 DUTY CYCLE: 99 %  
 TRANSMITTER OUTPUT POWER SETTINGS: "2 dBm" at 5 MHz channel bandwidth  
 "5 dBm" at 10 MHz channel bandwidth  
 "8 dBm" at 20 MHz channel bandwidth  
 RESOLUTION BANDWIDTH: 1000 kHz  
 VIDEO BANDWIDTH: > Resolution bandwidth  
 TEST ANTENNA TYPE: Double ridged guide

Frequency, MHz		Peak, dB(μV/m)			Average*** dB(μV/m)			Antenna polariz.	Antenna height, m	Turn-table position**, degrees	Verdict
Channel	Spurious	Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*	Measured emission, dB(μV/m)	Limit, dB(μV/m)	Margin, dB*				
<b>5 MHz channel bandwidth</b>											
5475	1066.6	47.10	74.0	-26.9	41.20	54.00	-12.80	Vertical	1.1	60	Pass
5475	5120.0	49.10	74.0	-24.9	40.53	54.00	-13.47	Vertical	1.2	0	
5475	5454.2	52.00	74.0	-22.0	42.32	54.00	-10.58	Vertical	1.2	0	
5595	1066.7	46.70	74.0	-27.3	40.75	54.00	-13.25	Vertical	1.1	60	
5655	1066.6	47.00	74.0	-27.0	40.67	54.00	-13.33	Vertical	1.1	60	
5720	1066.6	46.60	74.0	-27.4	40.50	54.00	-13.50	Vertical	1.1	60	
<b>10 MHz channel bandwidth</b>											
5480	1066.7	46.30	74.0	-27.7	40.20	54.00	-13.80	Vertical	1.1	60	Pass
5480	5120.0	50.50	74.0	-23.5	40.88	54.00	-13.12	Vertical	1.2	0	
5480	5460.0	45.50	74.0	-28.5	42.15	54.00	-11.85	Vertical	1.2	0	
5590	1066.6	46.80	74.0	-27.2	40.40	54.00	-13.60	Vertical	1.1	60	
5660	1066.6	46.40	74.0	-27.6	40.20	54.00	13.80	Vertical	1.1	60	
5715	1066.8	46.50	74.0	-27.5	40.10	54.00	-13.90	Vertical	1.1	60	
<b>20 MHz channel bandwidth</b>											
5485	1066.6	46.30	74.0	-27.7	40.71	54.00	-13.29	Vertical	1.1	60	Pass
5485	4800.0	45.30	74.0	-28.7	37.65	54.00	-16.35	Vertical	1.2	0	
5485	5120.0	51.00	74.0	-19.0	43.68	54.00	-10.32	Vertical	1.2	0	
5485	5440.2	51.90	74.0	-18.1	40.25	54.00	-13.75	Vertical	1.2	0	
5585	1066.6	46.20	74.0	-27.8	40.62	54.00	-13.38	Vertical	1.1	60	
5665	1066.6	46.60	74.0	-27.4	40.43	54.00	-13.57	Vertical	1.1	60	
5710	1066.6	46.40	74.0	-27.6	40.48	54.00	-13.52	Vertical	1.1	60	

\*- Margin = Measured emission – specification limit.  
 \*\*- EUT front panel refers to 0 degrees position of turntable.  
 \*\*\* - Video bandwidth according to the Table 7.4.6



<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Table 7.4.5 Restricted bands

MHz	MHz	MHz	MHz	MHz	GHz
0.09 - 0.11	8.37625 - 8.38675	73 - 74.6	399.9 - 410	2690 - 2900	10.6 - 12.7
0.495 - 0.505	8.41425 - 8.41475	74.8 - 75.2	608 - 614	3260 - 3267	13.25 - 13.4
2.1735 - 2.1905	12.29 - 12.293	108 - 121.94	960 - 1240	3332 - 3339	14.47 - 14.5
4.125 - 4.128	12.51975 - 12.52025	123 - 138	1300 - 1427	3345.8 - 3358	15.35 - 16.2
4.17725 - 4.17775	12.57675 - 12.57725	149.9 - 150.05	1435 - 1626.5	3600 - 4400	17.7 - 21.4
4.20725 - 4.20775	13.36 - 13.41	156.52475 - 156.52525	1645.5 - 1646.5	4500 - 5150	22.01 - 23.12
6.215 - 6.218	16.42 - 16.423	156.7 - 156.9	1660 - 1710	5350 - 5460	23.6 - 24
6.26775 - 6.26825	16.69475 - 16.69525	162.0125 - 167.17	1718.8 - 1722.2	7250 - 7750	31.2 - 31.8
6.31175 - 6.31225	16.80425 - 16.80475	167.72 - 173.2	2200 - 2300	8025 - 8500	36.43 - 36.5
8.291 - 8.294	25.5 - 25.67	240 - 285	2310 - 2390	9000 - 9200	Above 38.6
8.362 - 8.366	37.5 - 38.25	322 - 335.4	2483.5 - 2500	9300 - 9500	

Table 7.4.6 Video bandwidth calculation for average measuring within restricted bands

Emission bandwidth, MHz	Bit Rate, Mbps	TxON time, msec	VBW, kHz
20	6	3.15	1.0
10	3	6.34	0.3
5	1.5	12.49	0.1

## Reference numbers of test equipment used

HL 0446	HL 0521	HL 0589	HL 0604	HL 1425	HL 1556	HL 1947	HL 1984
HL 2009	HL 2909						

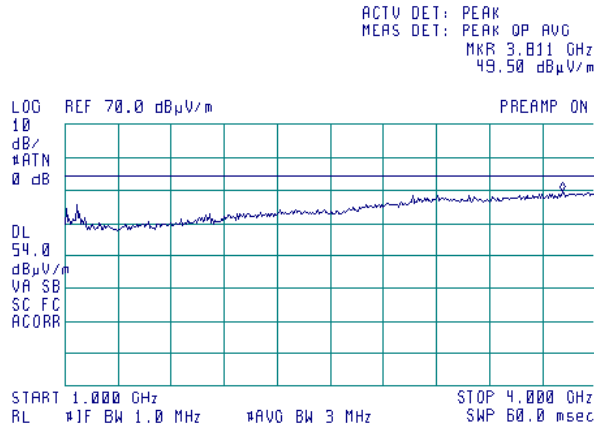
Full description is given in Appendix A.



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

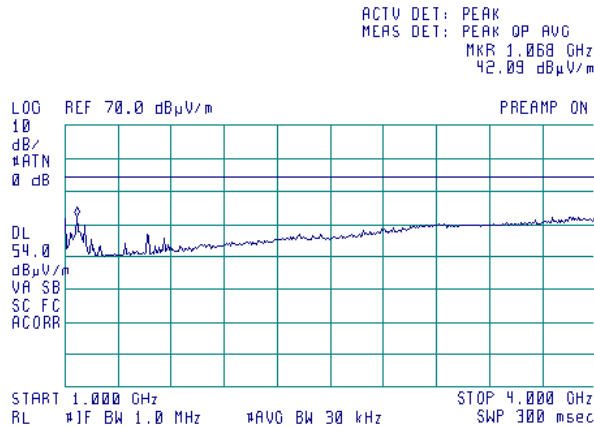
Plot 7.4.37 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.38 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

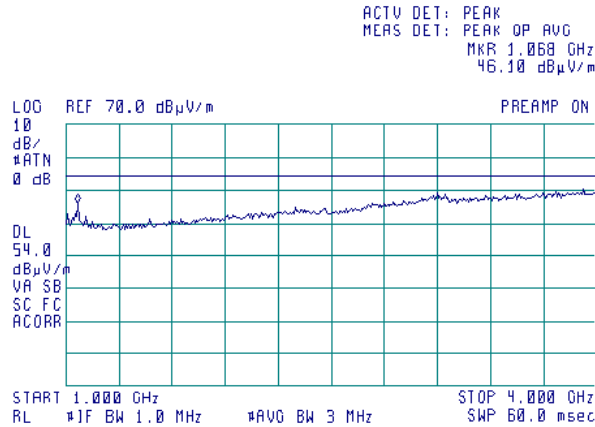




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

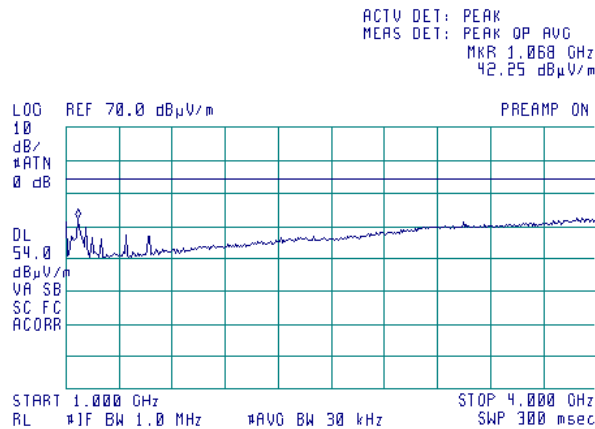
Plot 7.4.39 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.40 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

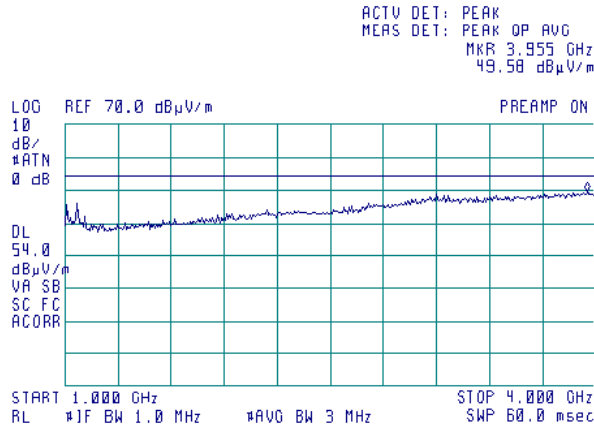




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

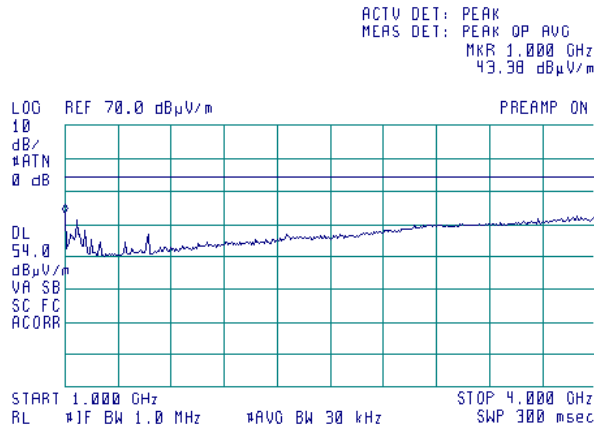
Plot 7.4.41 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz



Plot 7.4.42 Radiated emission measurements from 1.0 to 4.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20MHz

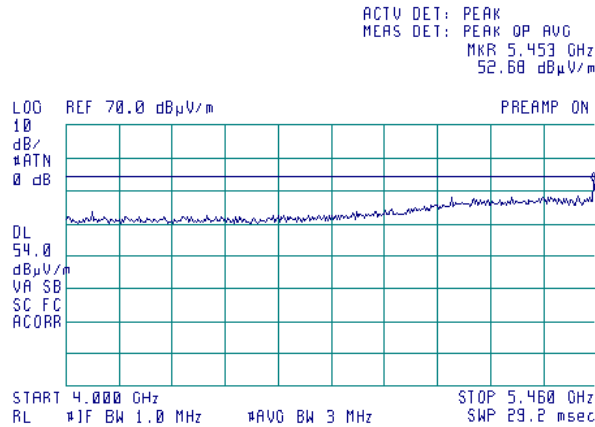




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.43 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz  
 MODULATION: BPSK 1.5 Mbps

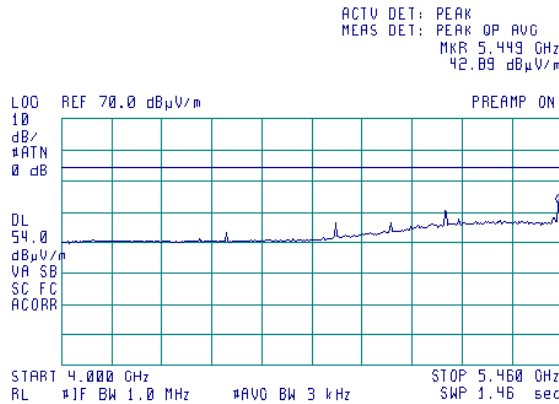




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

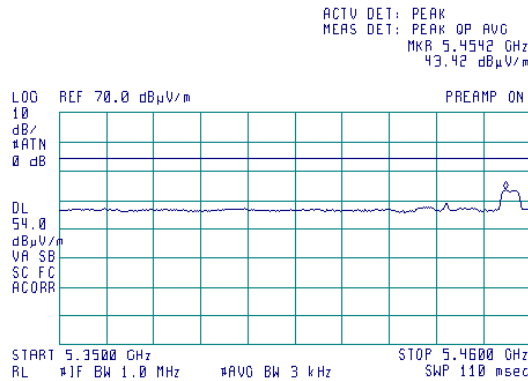
Plot 7.4.44 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz  
MODULATION: BPSK 1.5 Mbps



Plot 7.4.45 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz  
MODULATION: BPSK 1.5 Mbps

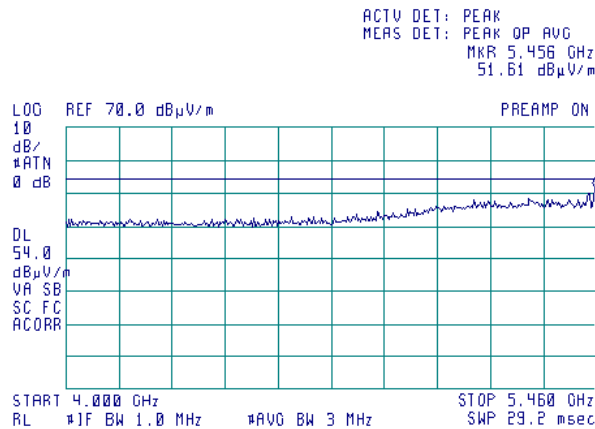




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.46 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10MHz  
MODULATION: BPSK 3 Mbps



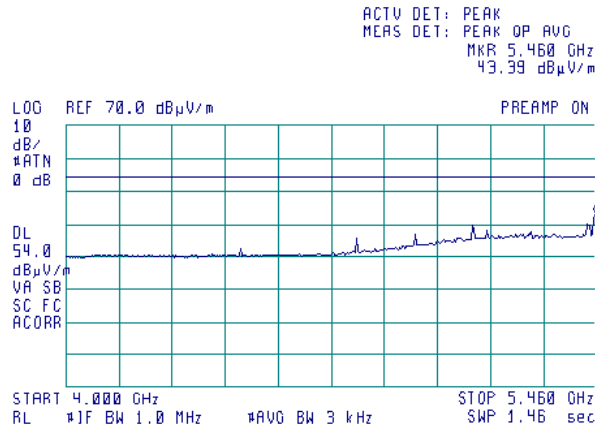




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

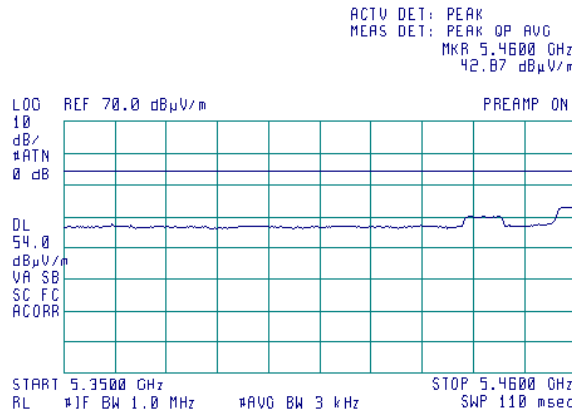
Plot 7.4.47 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz  
 MODULATION: BPSK 3 Mbps



Plot 7.4.48 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz  
 MODULATION: BPSK 3 Mbps

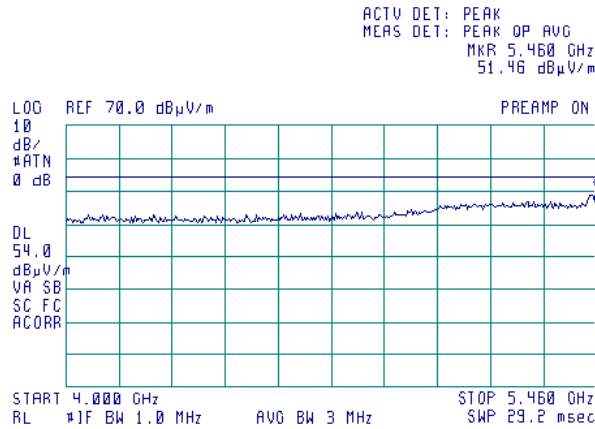




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.49 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20 MHz  
MODULATION: BPSK 6Mbps

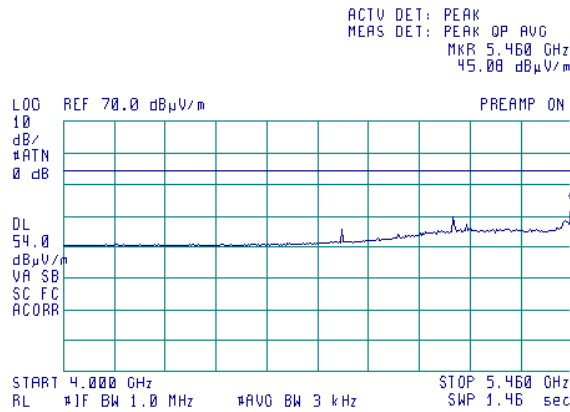




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

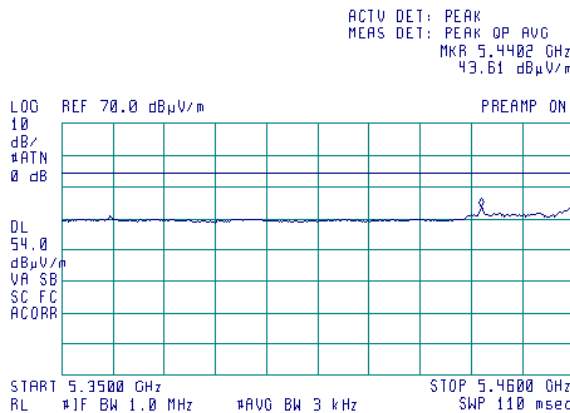
Plot 7.4.50 Radiated emission measurements from 4.0 to 5.46 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6Mbps



Plot 7.4.51 Radiated emission measurements from 5.35 to 5.46 GHz at the low carrier frequency (5485MHz)

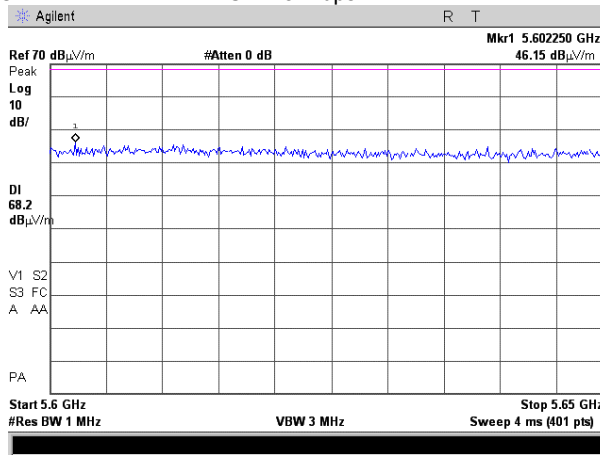
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz  
 MODULATION: BPSK 6Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

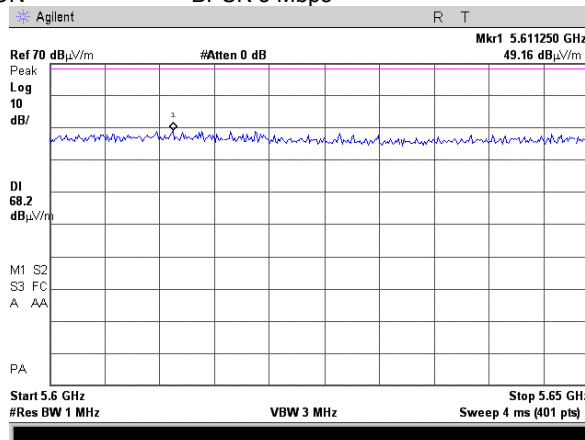
Plot 7.4.52 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 5 MHz  
 MODULATION BPSK 1.5 Mbps



Plot 7.4.53 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5480MHz)

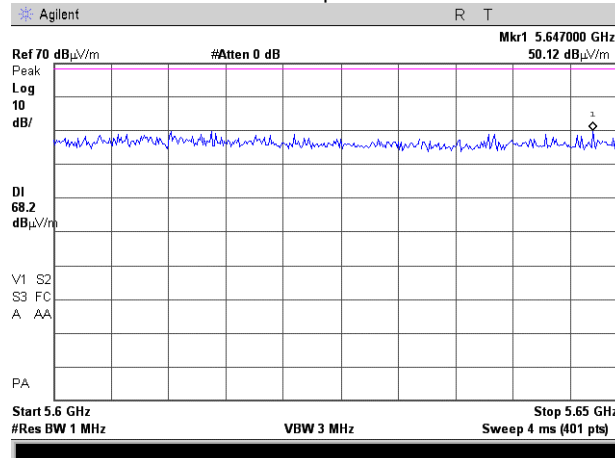
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW 10 MHz  
 MODULATION BPSK 3 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.54 Radiated emission measurements from 5.6 to 5.65GHz at the low carrier frequency (5485MHz)**

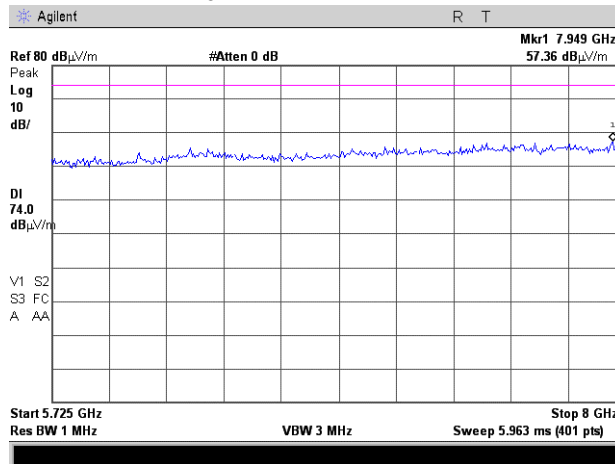
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz  
 MODULATION: BPSK 6 Mbps



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

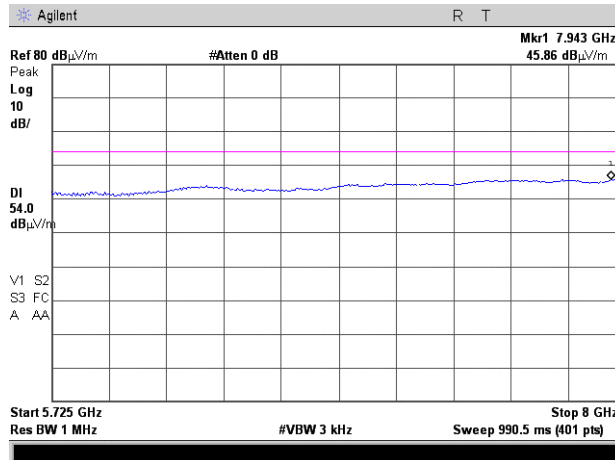
Plot 7.4.55 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



Plot 7.4.56 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5475MHz)

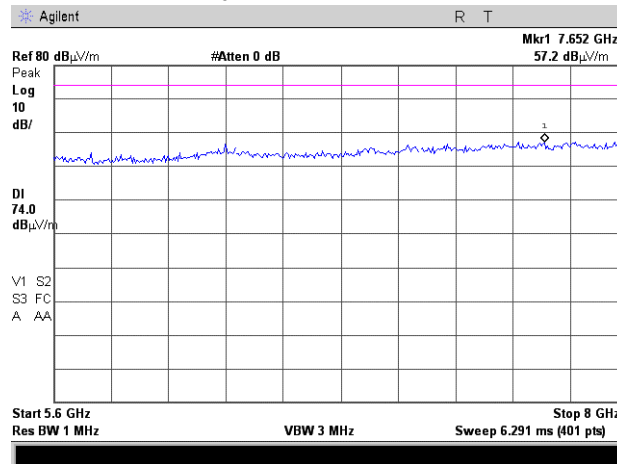
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

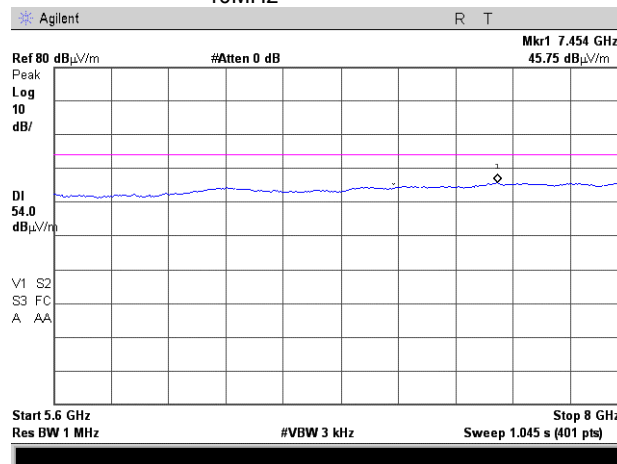
Plot 7.4.57 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.58 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz

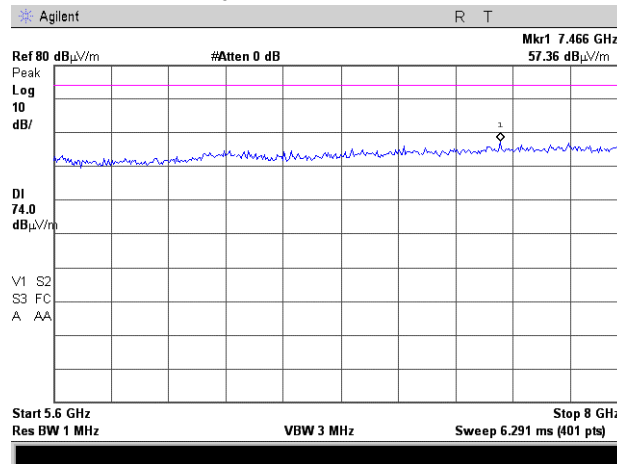




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

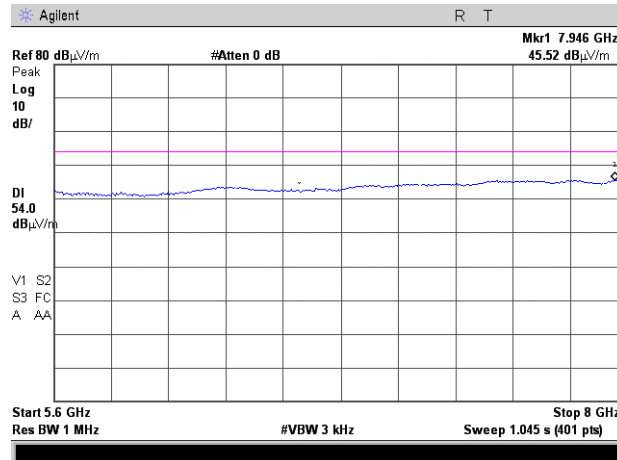
Plot 7.4.59 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20 MHz



Plot 7.4.60 Radiated emission measurements from 5.725 to 8.0 GHz at the low carrier frequency (5485MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20 MHz



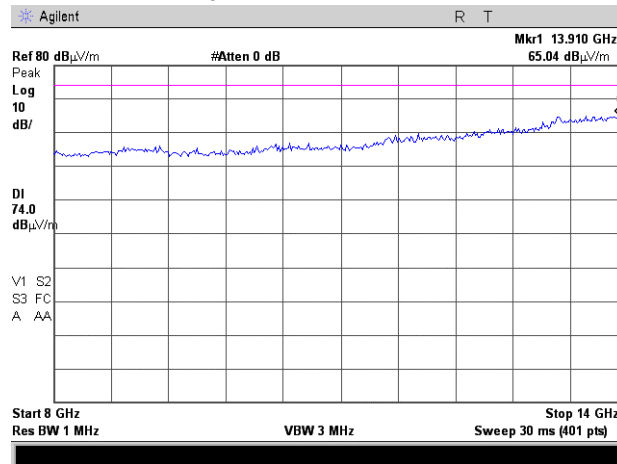




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.61 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5475MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz

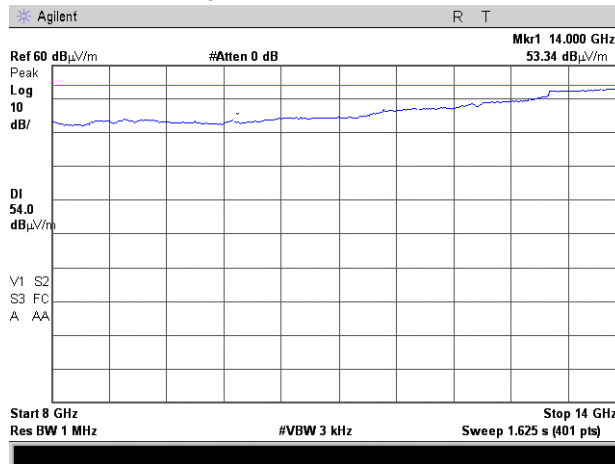




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

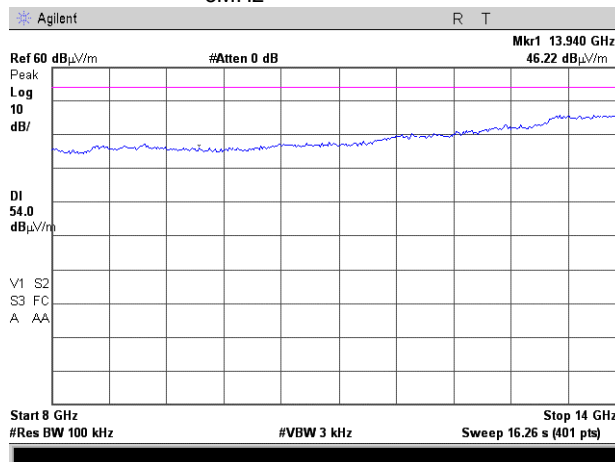
Plot 7.4.62 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5475MHz). RBW=1 MHz

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



Plot 7.4.63 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5475MHz), RBW=100 kHz

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

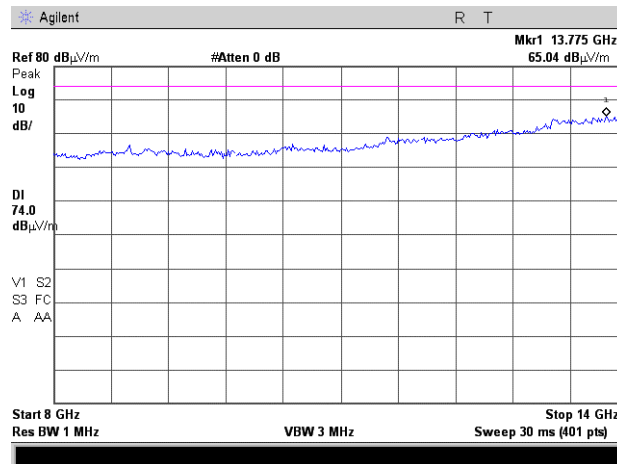




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.64 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5480MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10MHz

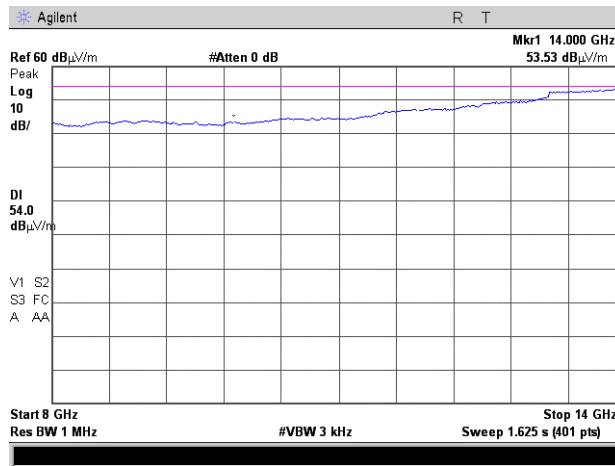




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

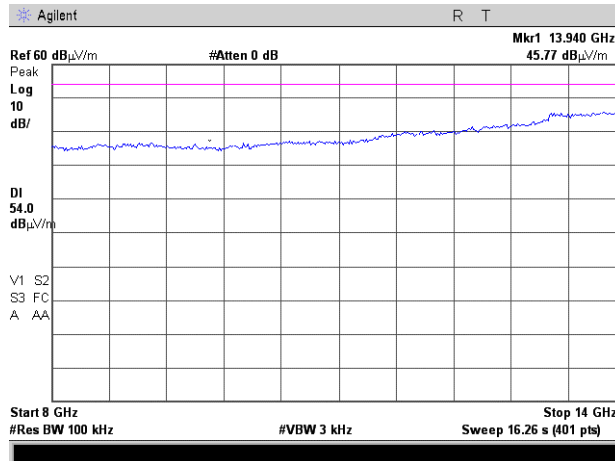
Plot 7.4.65 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5480MHz), RBW=1 MHz

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



Plot 7.4.66 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5480MHz), RBW=100 kHz

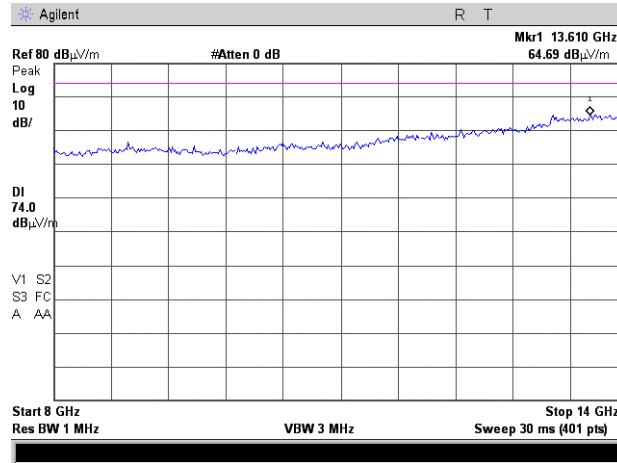
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.67 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5485MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20MHz

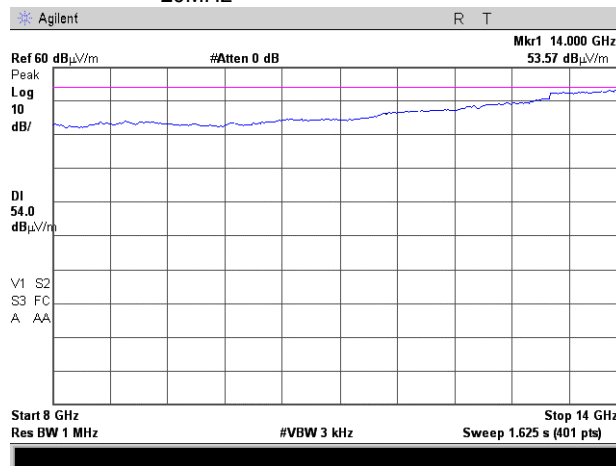




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

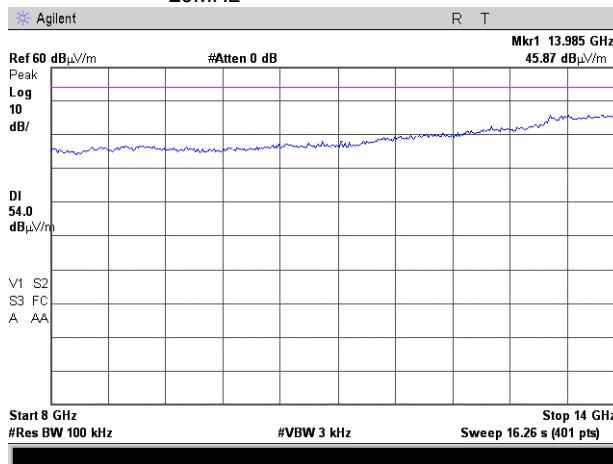
Plot 7.4.68 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5485MHz,) RBW =1 MHz

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



Plot 7.4.69 Radiated emission measurements from 8 to 14 GHz at the low carrier frequency (5485MHz,) RBW =100 kHz

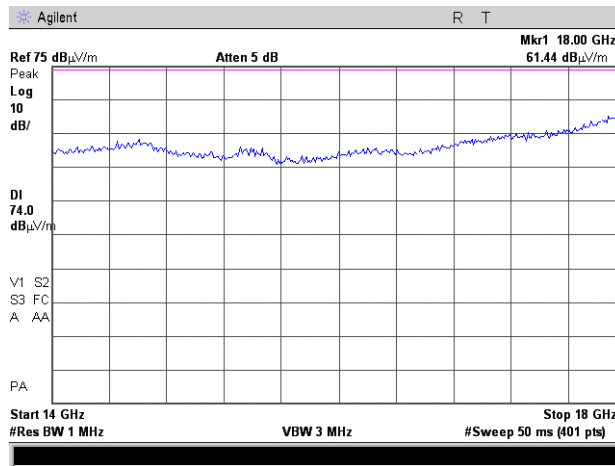
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.70 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5475MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



**Plot 7.4.71 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5475MHz)**

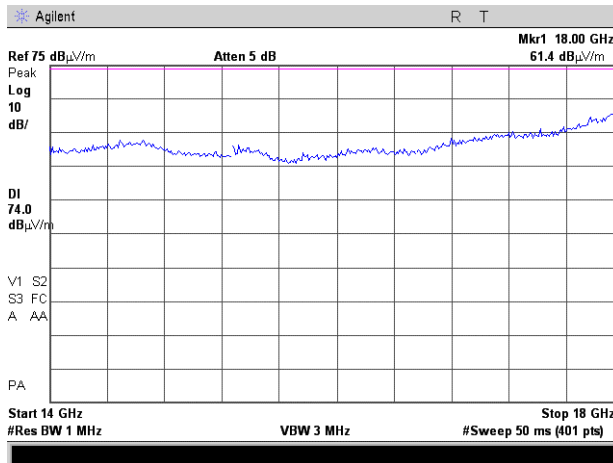
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

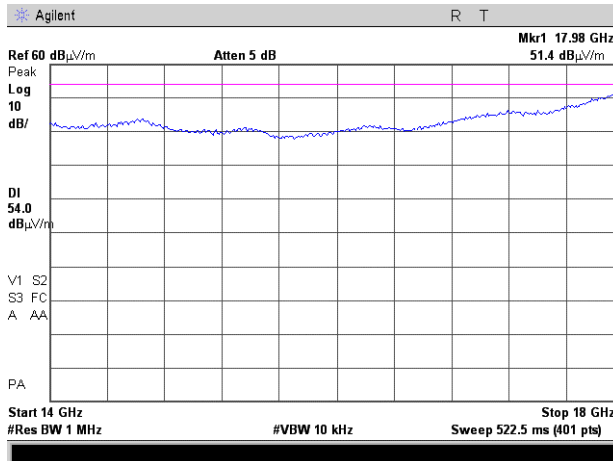
Plot 7.4.72 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



Plot 7.4.73 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

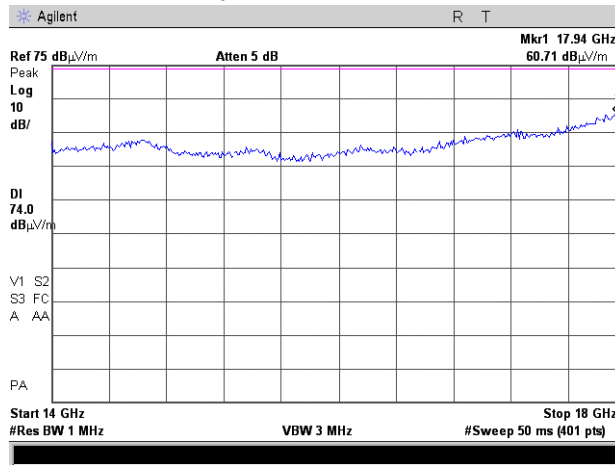




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

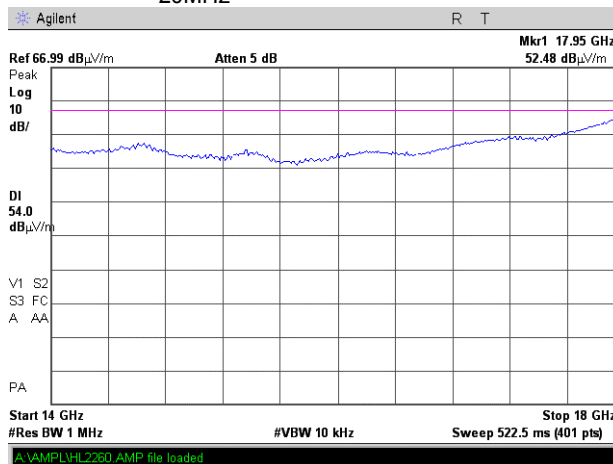
Plot 7.4.74 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.75 Radiated emission measurements from 14 to 18 GHz at the low carrier frequency (5485MHz)

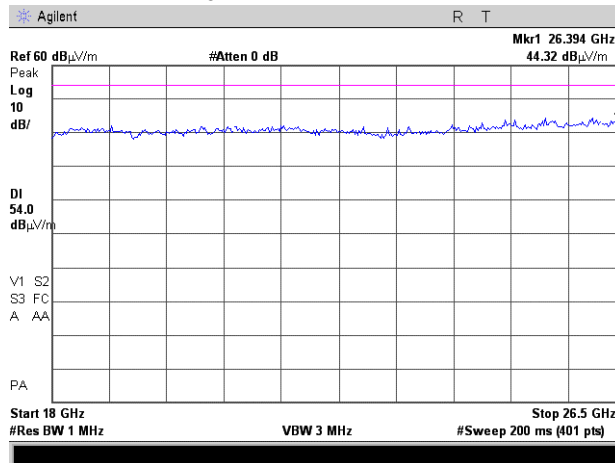
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

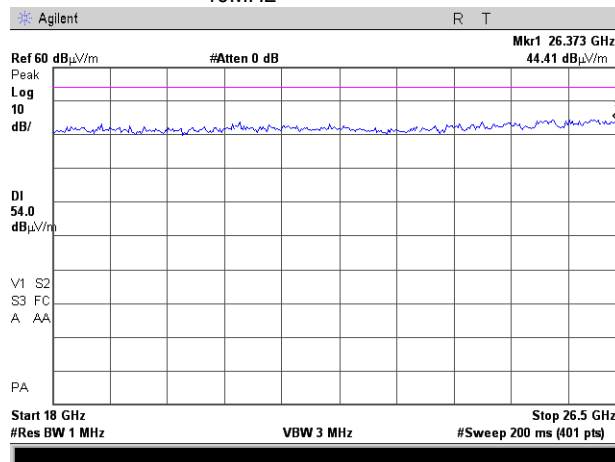
**Plot 7.4.76 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5475MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 5MHz



**Plot 7.4.77 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5480MHz)**

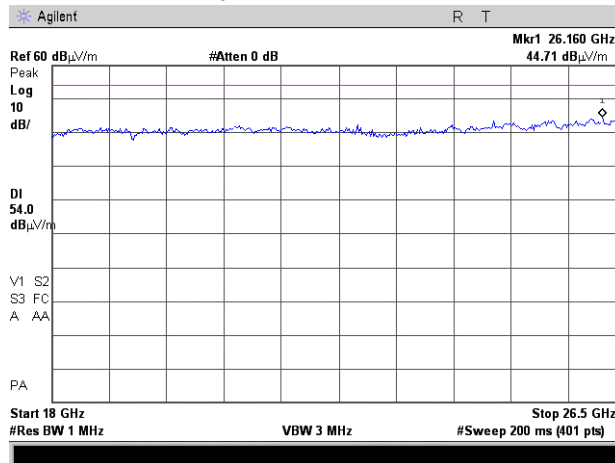
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 10MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.78 Radiated emission measurements from 18 to 26.5 GHz at the low carrier frequency (5485MHz)**

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 20MHz

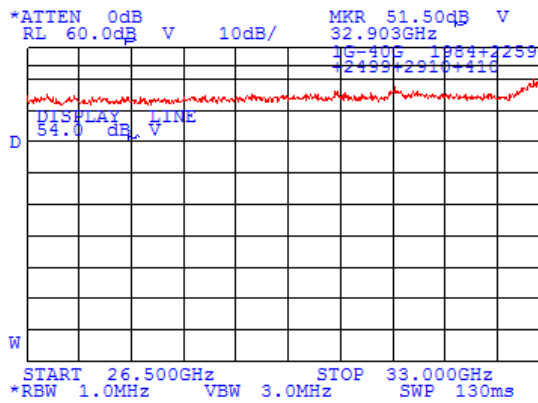




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

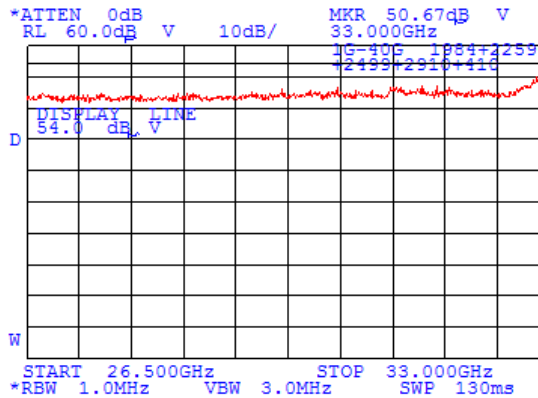
Plot 7.4.79 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5475MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 5MHz



Plot 7.4.80 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 10MHz

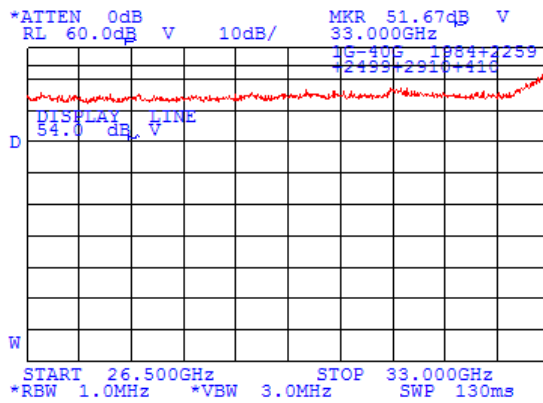




<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

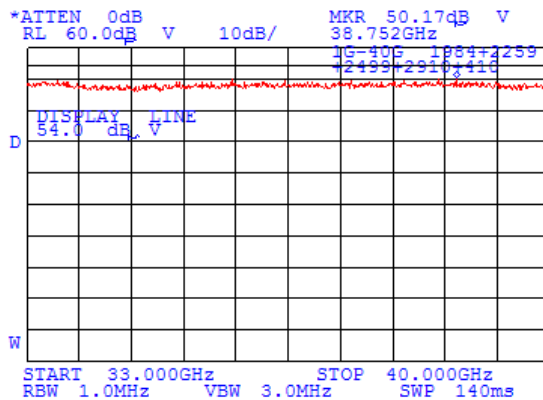
Plot 7.4.81 Radiated emission measurements from 26.5 to 33 GHz at the low carrier frequency (5485MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 20MHz



Plot 7.4.82 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5475MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 5MHz

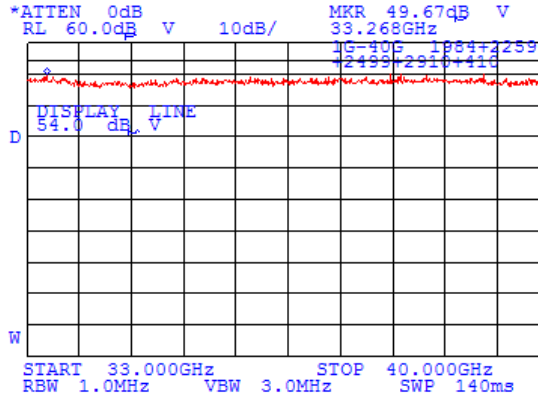




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

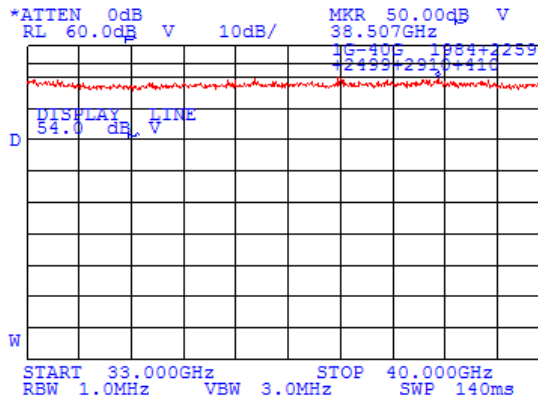
Plot 7.4.83 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5480MHz)

TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 10MHz



Plot 7.4.84 Radiated emission measurements from 33 to 40 GHz at the low carrier frequency (5485MHz)

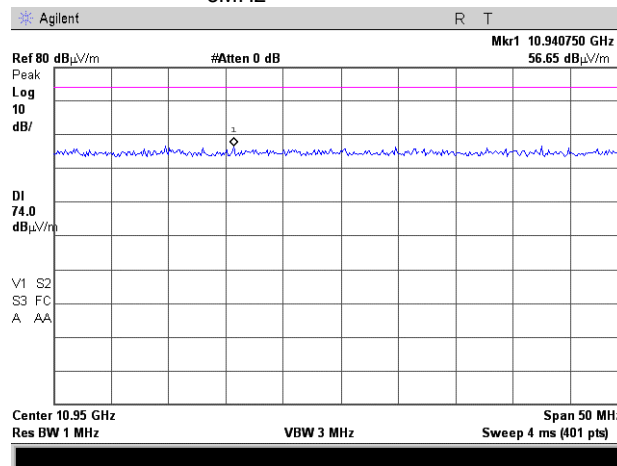
TEST SITE: OATS  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak (under average limit)  
 EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

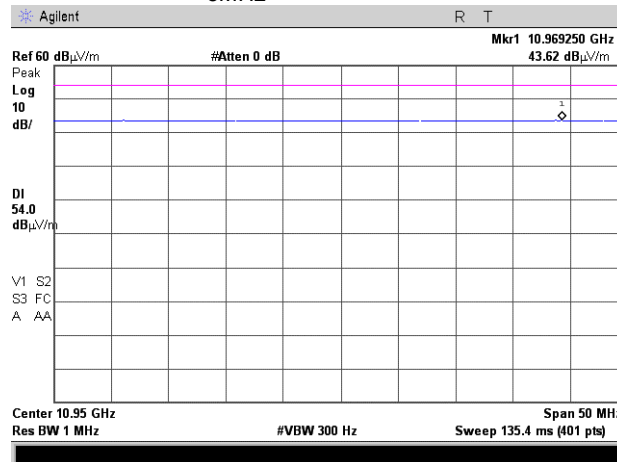
Plot 7.4.85 Radiated emission measurements at the second harmonic of low carrier frequency (5475MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.86 Radiated emission measurements at the second harmonic of low carrier frequency (5475MHz)

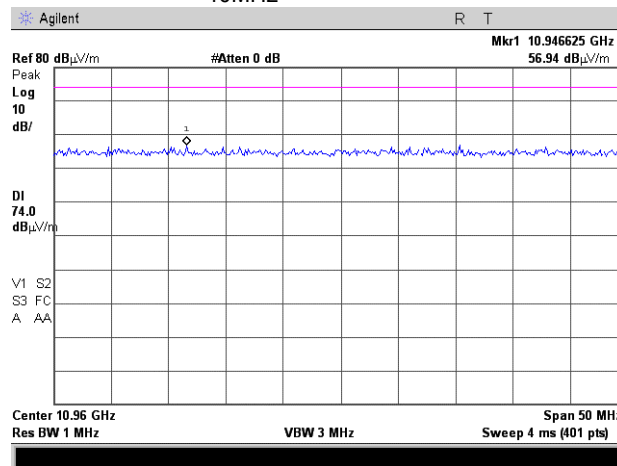
TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

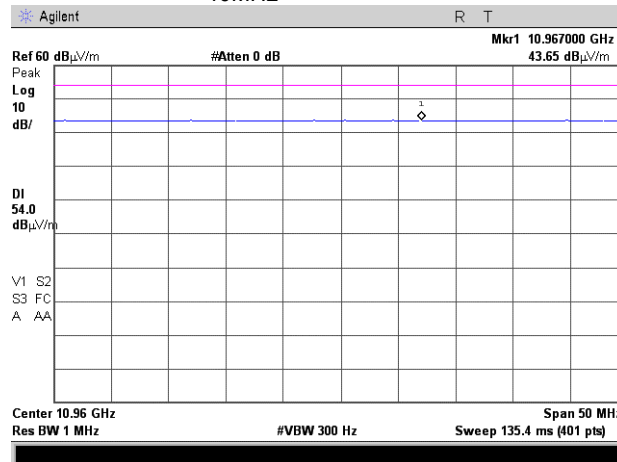
Plot 7.4.87 Radiated emission measurements at the second harmonic of low carrier frequency (5480MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.88 Radiated emission measurements at the second harmonic of low carrier frequency (5480MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 10MHz

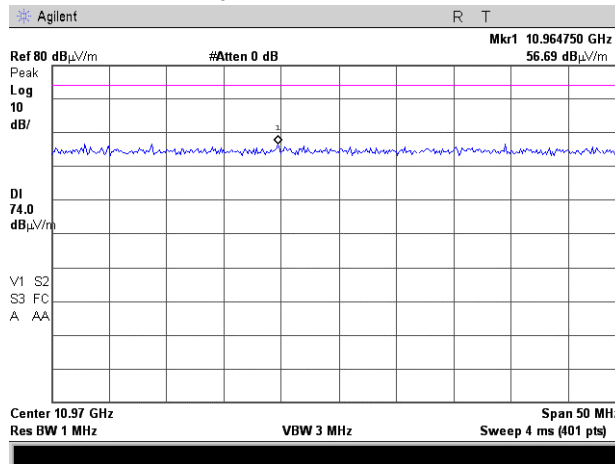




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

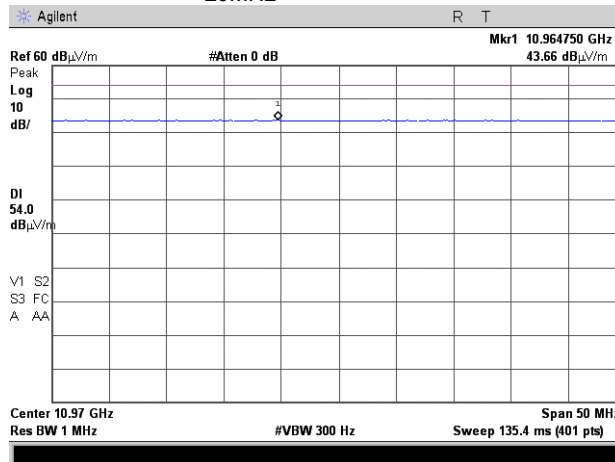
**Plot 7.4.89 Radiated emission measurements at the second harmonic of low carrier frequency (5485MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Peak  
EBW: 20MHz



**Plot 7.4.90 Radiated emission measurements at the second harmonic of low carrier frequency (5485MHz)**

TEST SITE: OATS  
TEST DISTANCE: 3 m  
DETECTOR: Average  
EBW: 20MHz

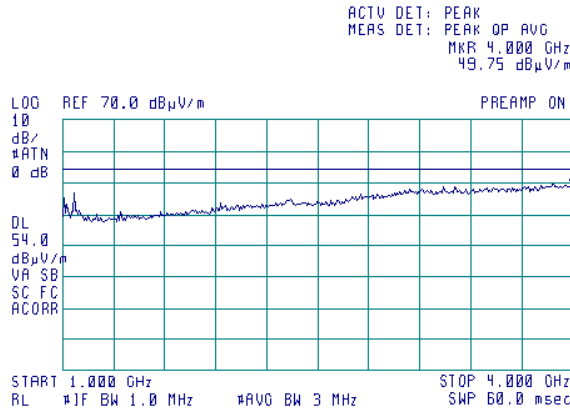




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

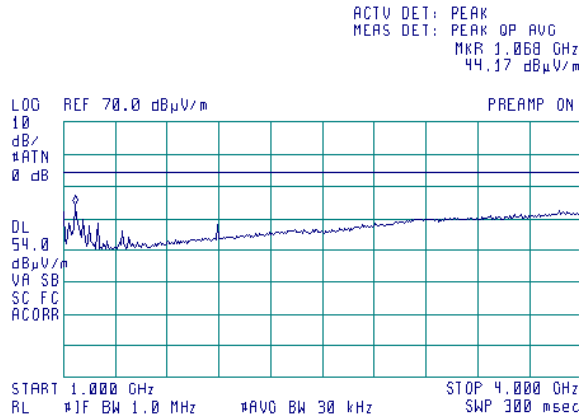
Plot 7.4.91 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
EBW 5MHz



Plot 7.4.92 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 5MHz

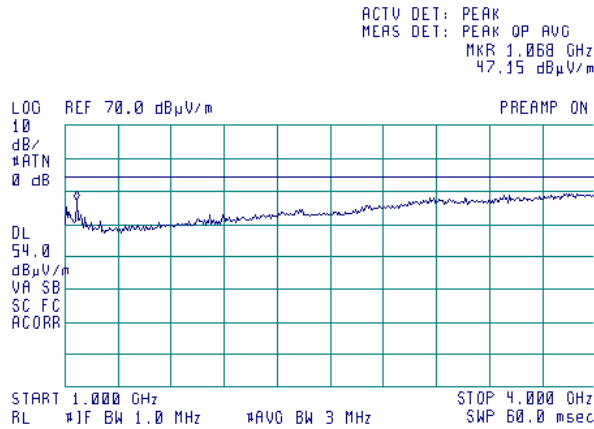




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

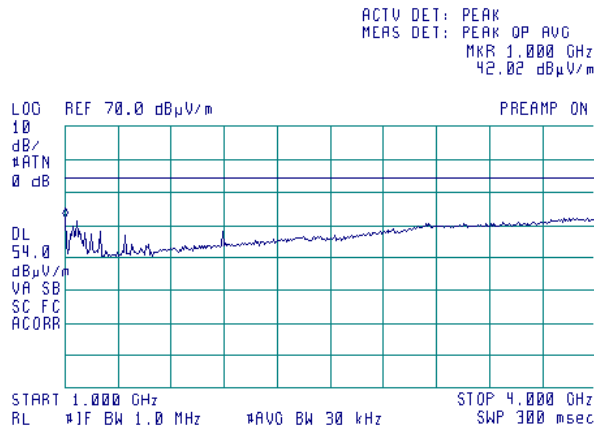
Plot 7.4.93 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 EBW: 10MHz



Plot 7.4.94 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

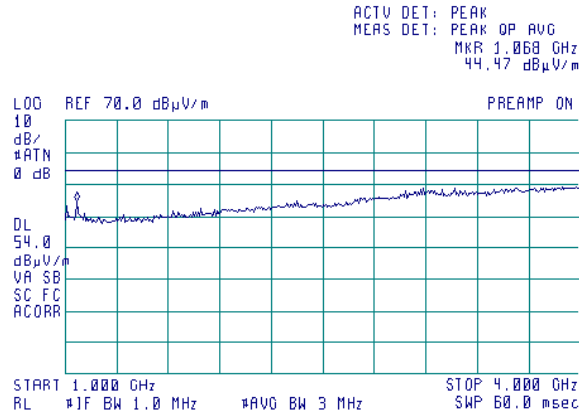




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

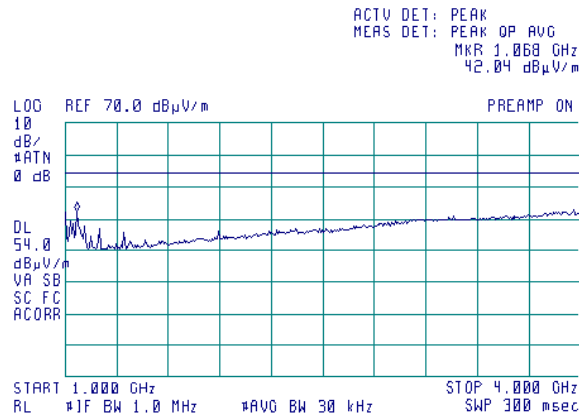
Plot 7.4.95 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.96 Radiated emission measurements from 1.0 to 4.0 GHz at the mid carrier frequency (5585MHz)

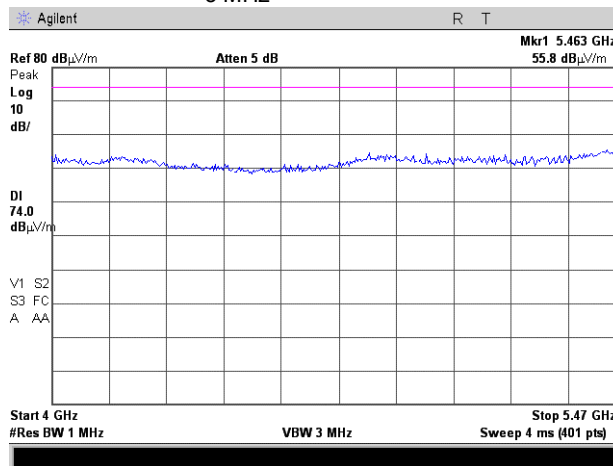
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz



<b>Test specification:</b>	<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>		
<b>Test procedure:</b>	Public notice DA 00-705 / ANSI C63.4, Section 13.1.4		
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	<b>PASS</b>
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

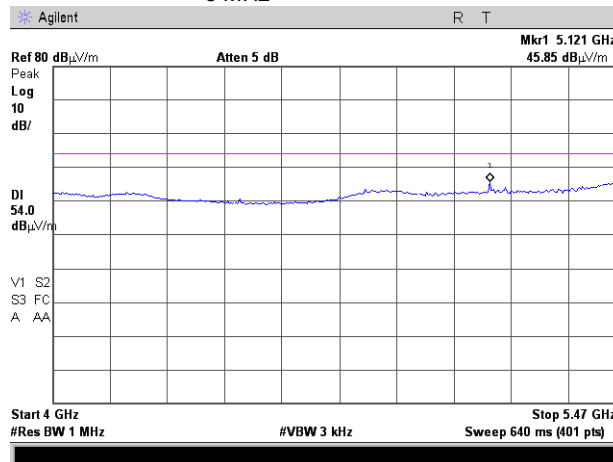
**Plot 7.4.97 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5595MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



**Plot 7.4.98 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5595MHz)**

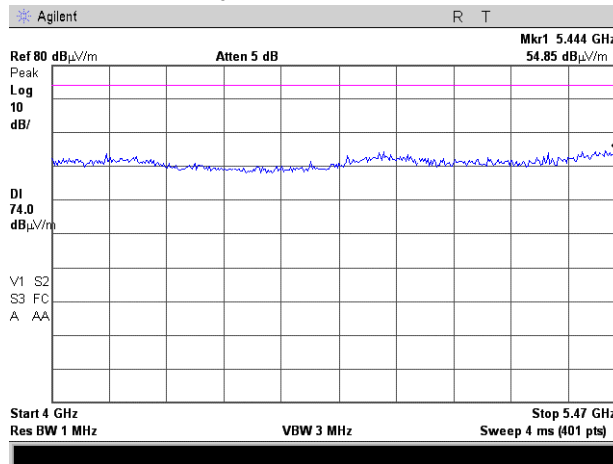
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

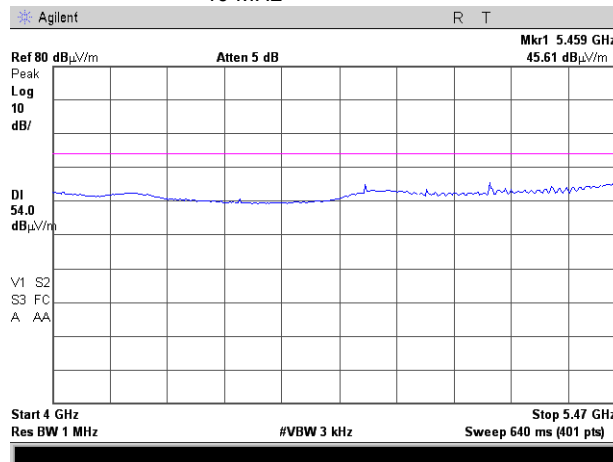
Plot 7.4.99 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.100 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5590MHz)

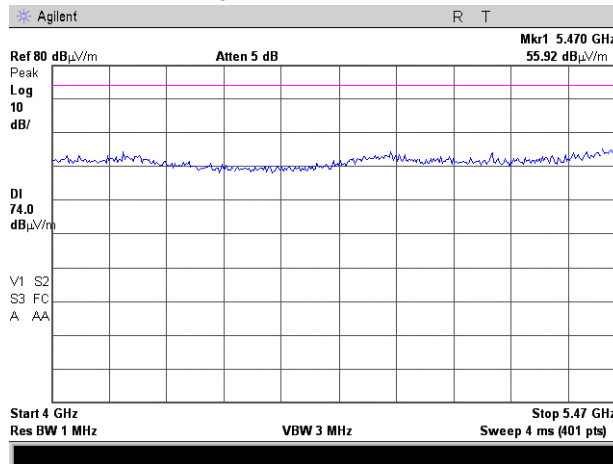
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

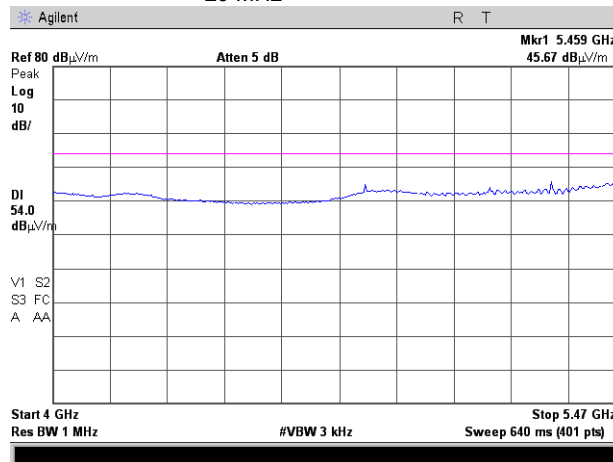
Plot 7.4.101 Radiated emission measurements from 4.00 to 5.47 GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



Plot 7.4.102 Radiated emission measurements from 4.00 to 5.47GHz at the mid carrier frequency (5585MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz

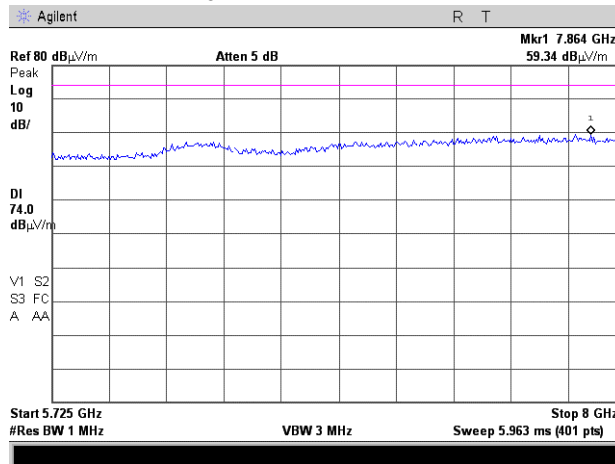




<b>Test specification:</b> Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions			
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

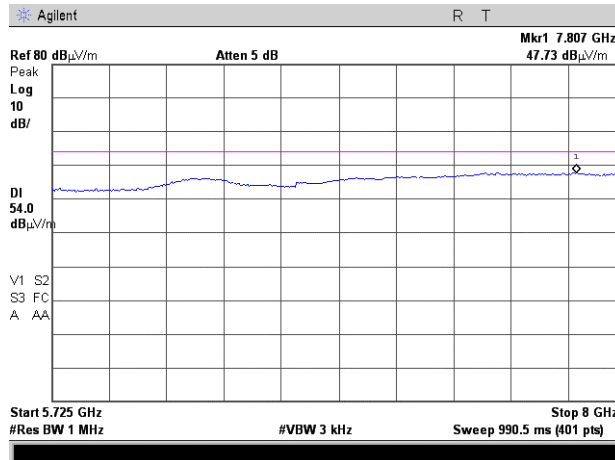
Plot 7.4.103 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5 MHz



Plot 7.4.104 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5595MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5 MHz

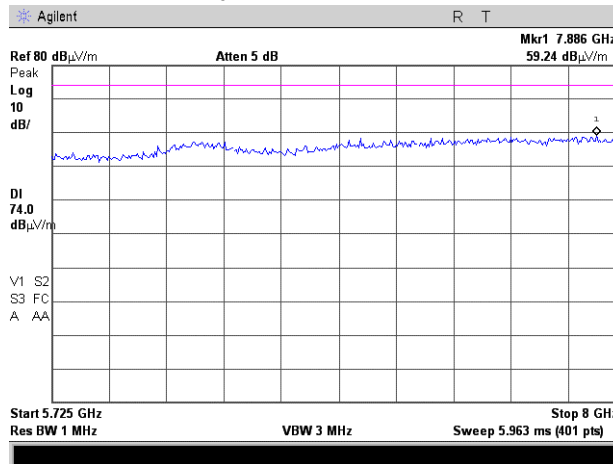




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

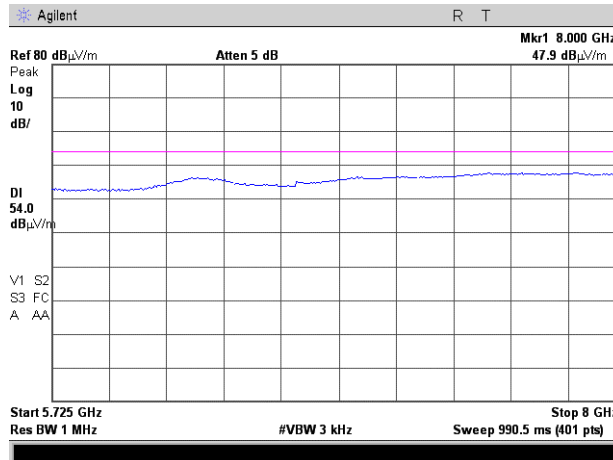
Plot 7.4.105 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5590MHz)

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10 MHz



Plot 7.4.106 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5590MHz)

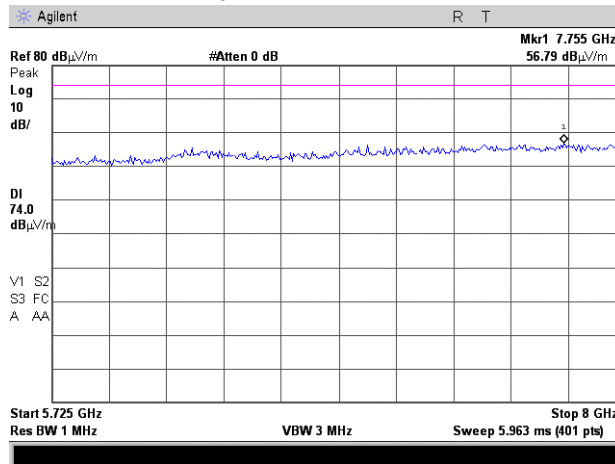
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

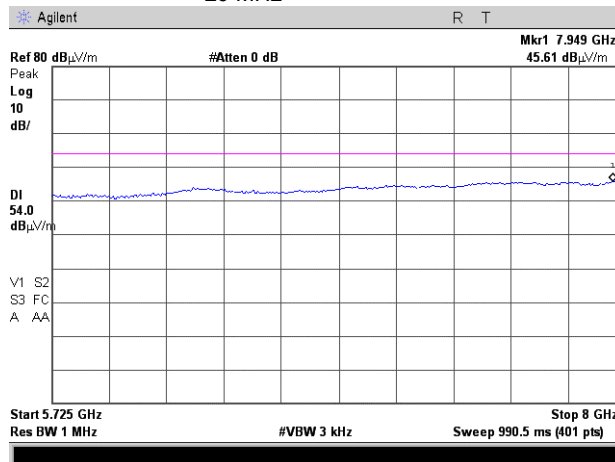
**Plot 7.4.107 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5585MHz)**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 20 MHz



**Plot 7.4.108 Radiated emission measurements from 5.725 to 8.0 GHz at the mid carrier frequency (5585MHz)**

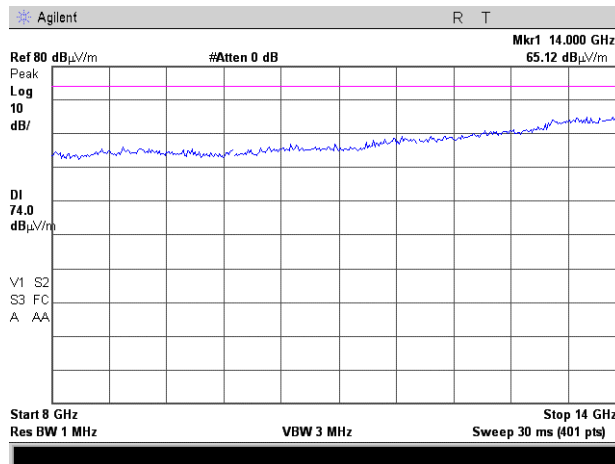
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 20 MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

**Plot 7.4.109 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5595MHz)**

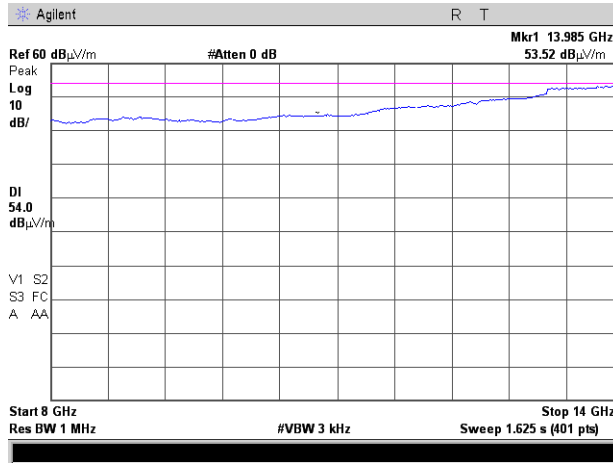
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

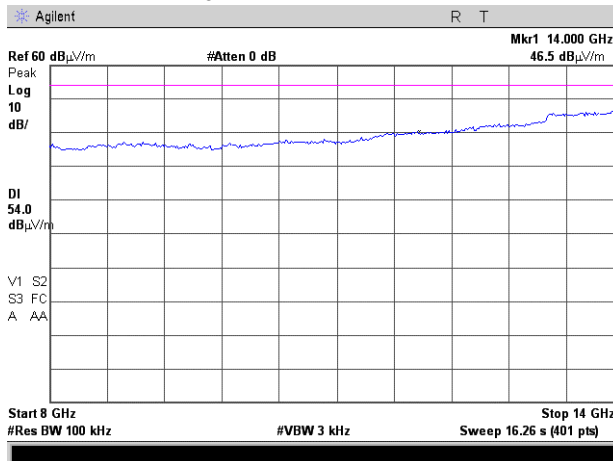
**Plot 7.4.110 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5595MHz), RBW=1 MHz**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz



**Plot 7.4.111 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5595MHz), RBW=100 kHz**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 5MHz

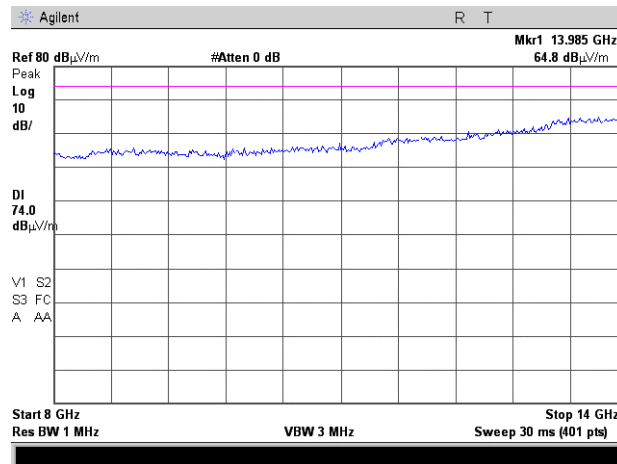




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.112 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5590MHz)

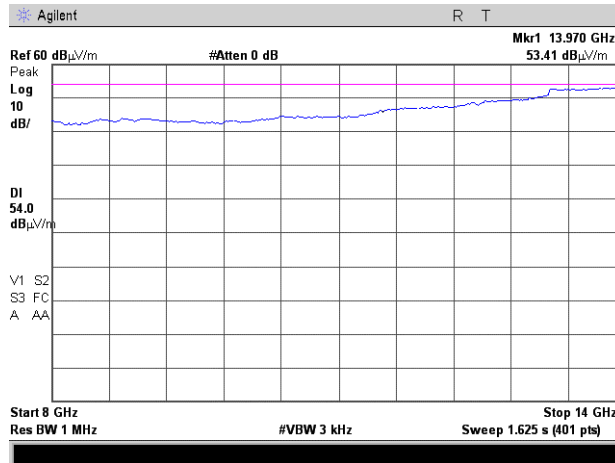
TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Peak  
 EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

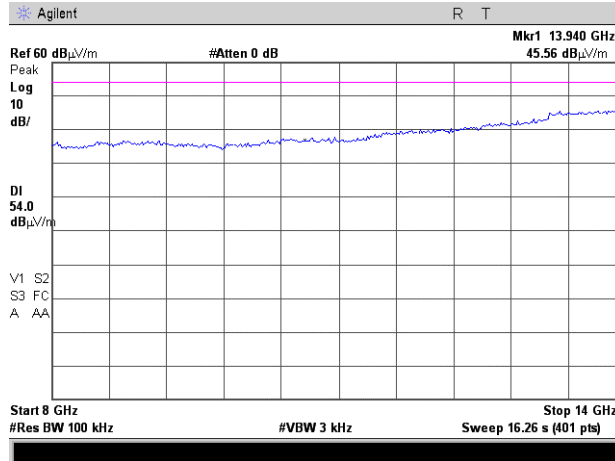
**Plot 7.4.113 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5590MHz), RBW=1 MHz**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz



**Plot 7.4.114 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5590MHz) RBW=100 kHz**

TEST SITE: Anechoic chamber  
 TEST DISTANCE: 3 m  
 ANTENNA POLARIZATION: Vertical and Horizontal  
 DETECTOR: Average  
 EBW: 10MHz

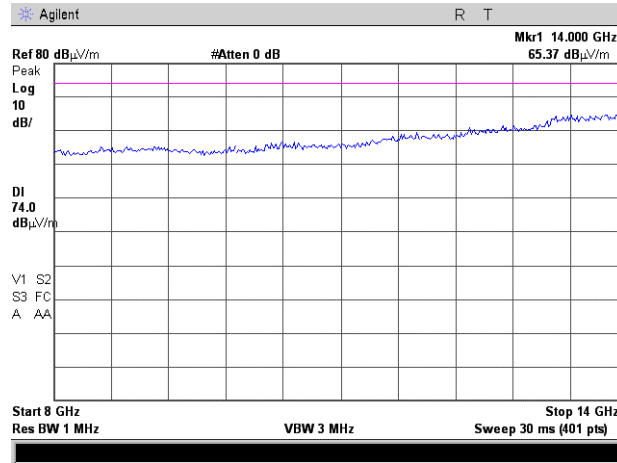




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.115 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5585MHz)

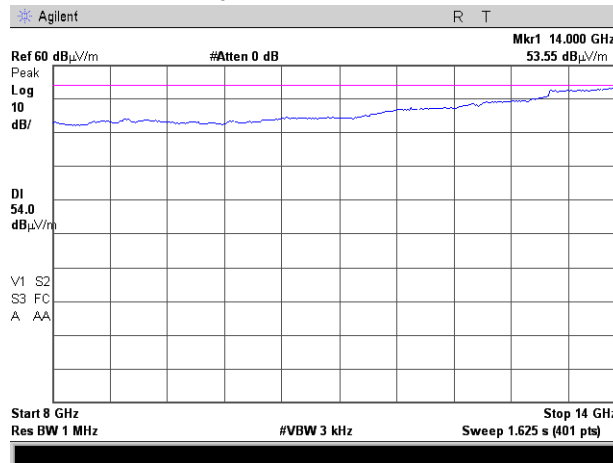
TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

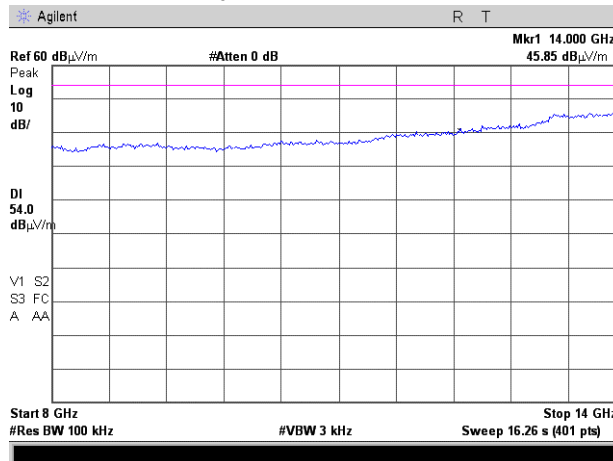
**Plot 7.4.116 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5585MHz),  
RBW=1 MHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 20MHz



**Plot 7.4.117 Radiated emission measurements from 8 to 14 GHz at the mid carrier frequency (5585MHz),  
RBW=100 kHz**

TEST SITE: Anechoic chamber  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW 20MHz

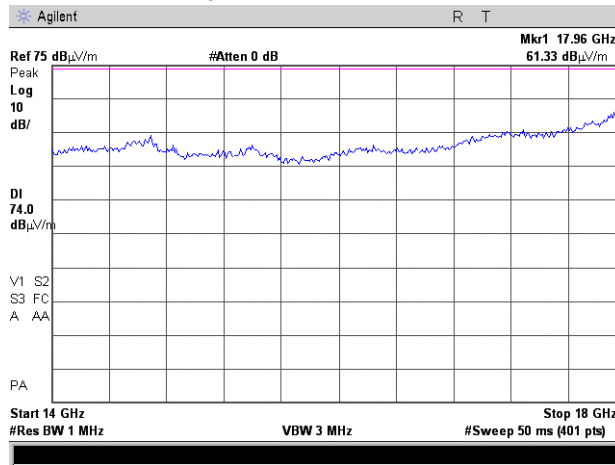




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

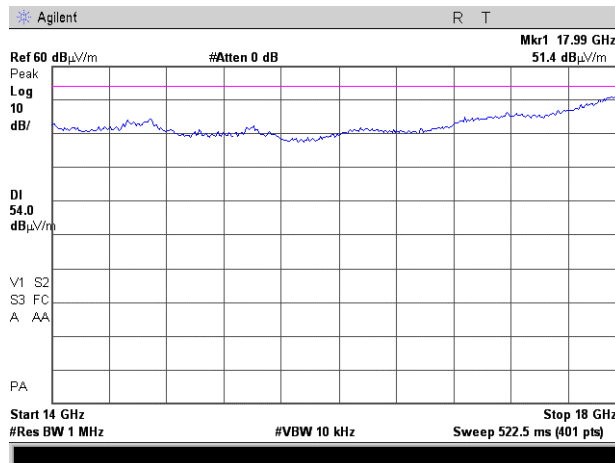
Plot 7.4.118 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 5MHz



Plot 7.4.119 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5595MHz)

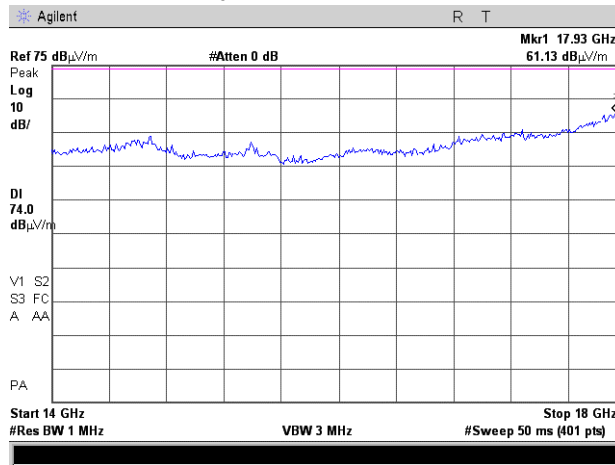
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 5MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

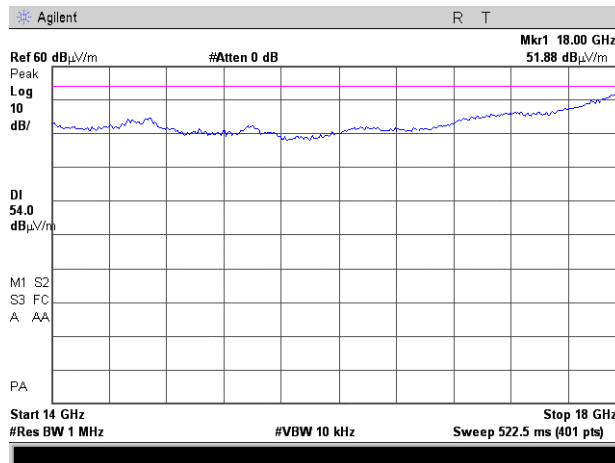
Plot 7.4.120 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 10MHz



Plot 7.4.121 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5590MHz)

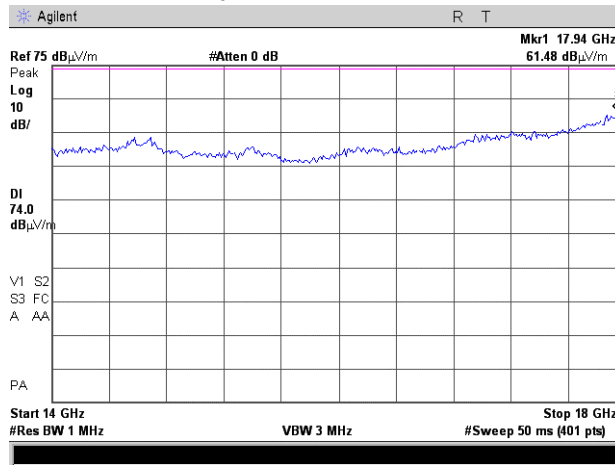
TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 10MHz



<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b> Public notice DA 00-705 / ANSI C63.4, Section 13.1.4			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date:</b> 6/22/2008			
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

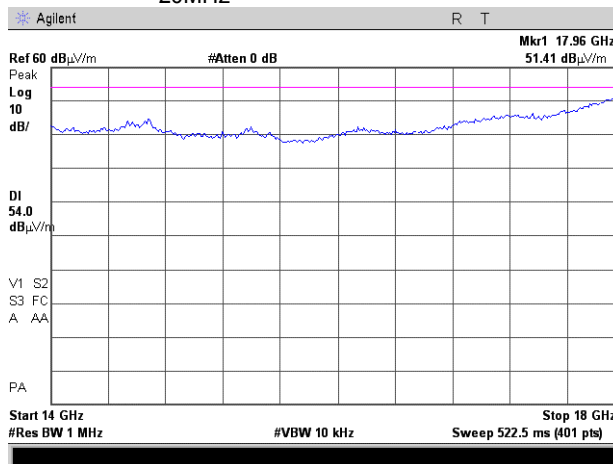
Plot 7.4.122 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak  
EBW: 20MHz



Plot 7.4.123 Radiated emission measurements from 14 to 18 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Average  
EBW: 20MHz

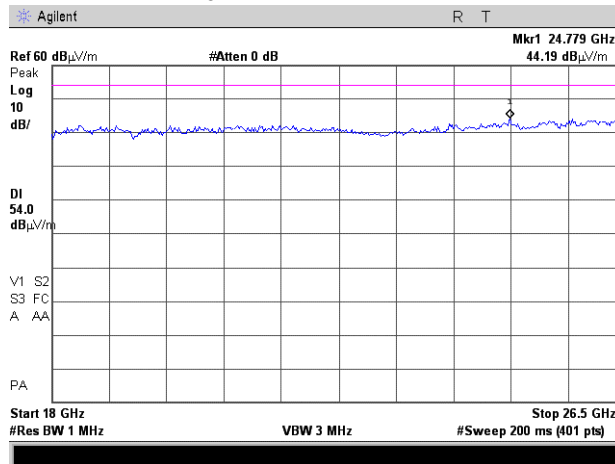




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

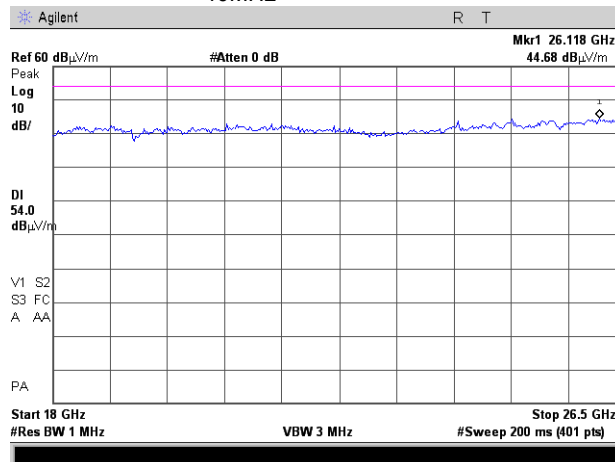
Plot 7.4.124 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 5MHz



Plot 7.4.125 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5590MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 10MHz

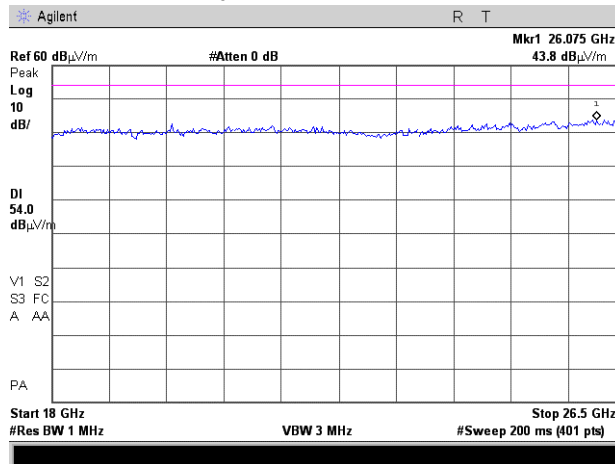




<b>Test specification:</b>		<b>Section 15.407(b), RSS-210 Annex 9, section A9.3 Unwanted radiated emissions</b>	
<b>Test procedure:</b>		Public notice DA 00-705 / ANSI C63.4, Section 13.1.4	
<b>Test mode:</b>	Compliance	<b>Verdict:</b>	PASS
<b>Date:</b>	6/22/2008		
<b>Temperature:</b> 24°C	<b>Air Pressure:</b> 1009 hPa	<b>Relative Humidity:</b> 58 %	<b>Power Supply:</b> 120 VAC
<b>Remarks:</b> EUT with internal antenna, measurements above 1 GHz			

Plot 7.4.126 Radiated emission measurements from 18 to 26.5 GHz at the mid carrier frequency (5585MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 20MHz



Plot 7.4.127 Radiated emission measurements from 26.5 to 33 GHz at the mid carrier frequency (5595MHz)

TEST SITE: OATS  
TEST DISTANCE: 3 m  
ANTENNA POLARIZATION: Vertical and Horizontal  
DETECTOR: Peak under average limit  
EBW: 5MHz

